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Process Evaluation Tools for Enzymatic Cascades Welcome Message
Publication: Research › Ph.D. thesis – Annual report year: 2016

Process limitations of a whole-cell P450 catalyzed reaction using a CYP153A-CPR fusion construct expressed in Escherichia coli
Publication: Research - peer-review › Journal article – Annual report year: 2015

Process systems engineering issues and applications towards reducing carbon dioxide emissions through conversion technologies
Publication: Research - peer-review › Review – Annual report year: 2016

Productivity and carbon footprint of perennial grass-forage legume intercropping strategies with high or low nitrogen fertilizer input
Publication: Research - peer-review › Journal article – Annual report year: 2015

Project report: Experimental planning and verification of working fluids (WP 5)
Publication: Commissioned › Report – Annual report year: 2017

Promoted V2O5/TiO2 catalysts for selective catalytic reduction of NO with NH3 at low temperatures
Publication: Research - peer-review › Journal article – Annual report year: 2015

Propane Oxidation at High Pressure and Intermediate Temperatures
Hashemi, H., Christensen, J. M. & Glarborg, P. 2016
Publication: Research - peer-review › Poster – Annual report year: 2016
Property Model-based Tailor-made Design of Chemical-based Products
Publication: Research › Ph.D. thesis – Annual report year: 2016

Protein-free cress seed (Lepidium sativum) gum: Physicochemical characterization and rheological properties
Publication: Research - peer-review › Journal article – Annual report year: 2016

Purification of cress seed (Lepidium sativum) gum: Physicochemical characterization and functional properties
Razmkhah, S., Mohammadianfar, M. A., Razavi, S. M. A. & Ale, M. T. 2016 In : Carbohydrate Polymers. 141, p. 166-174
Publication: Research - peer-review › Journal article – Annual report year: 2016

Quantifying the importance of flow maldistribution in numbered-up microreactors
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Quantitative enzymatic production of sialylated galactooligosaccharides with an engineered sialidase from Trypanosoma rangeli
Publication: Research - peer-review › Journal article – Annual report year: 2015

Rapid quantification of casein in skim milk using Fourier transform infrared spectroscopy, enzymatic perturbation, and multiway partial least squares: Monitoring chymosin at work
Publication: Research - peer-review › Journal article – Annual report year: 2016

Rational and Evolutionary Engineering of Industrial Saccharomyces Cerevisiae Strains for Production of Chemicals from Xylose-Rich Feedstocks
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Reaction invariant-based reduction of the activated sludge model ASM1 for batch applications
Publication: Research - peer-review › Journal article – Annual report year: 2016

Remotely Activated Microcapsules for Oil Recovery Treatments
Publication: Research › Ph.D. thesis – Annual report year: 2017

Renewability and emergy footprint at different spatial scales for innovative food systems in Europe
Publication: Research - peer-review › Journal article – Annual report year: 2015

Publication: Research - peer-review › Journal article – Annual report year: 2016
Rhamnogalacturonan I modifying enzymes: an update
Publication: Research - peer-review › Review – Annual report year: 2015

Rheology of Supramolecular Polymers
Publication: Research › Ph.D. thesis – Annual report year: 2016

Safeprops: A Software for Fast and Reliable Estimation of Safety and Environmental Properties for Organic Compounds
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Scale-up of industrial biodiesel production to 40 m3using a liquid lipase formulation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Screening of NiFe2O4 Nanoparticles as Oxygen Carrier in Chemical Looping Hydrogen Production
Publication: Research - peer-review › Journal article – Annual report year: 2016

Selective distribution of enzymes in a microfluidic reactor
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Self-Healing, High-Permittivity Silicone Dielectric Elastomer
Publication: Research - peer-review › Journal article – Annual report year: 2016

Self-restoring polymer brushes under tribological stress and the biomedical applications
Publication: Research - peer-review › Journal article – Annual report year: 2016

Shear and Extensional Rheology of Polystyrene Melts and Solutions with the Same Number of Entanglements
Costanzo, S., Huang, Q., Ianniruberto, G., Marrucci, G., Hassager, O. & Vlassopoulos, D. 2016 In : Macromolecules. 49, 10, p. 3925-3935
Publication: Research - peer-review › Journal article – Annual report year: 2016

Silicone elastomers with aromatic voltage stabilizers
Publication: Research - peer-review › Poster – Annual report year: 2016

Silicone elastomers with aromatic voltage stabilizers
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Silicone elastomers with aromatic voltage stabilizers
Publication: Research - peer-review › Poster – Annual report year: 2016

Silicone elastomers with superior softness and dielectric properties
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Silicone elastomers with superior softness and dielectric properties
Publication: Research - peer-review › Poster – Annual report year: 2016

Silicone elastomers with superior softness and dielectric properties
Publication: Research › Sound/Visual production (digital) – Annual report year: 2016

Silicone-modified graphene oxide fillers via the Piers-Rubinsztajn reaction
Publication: Research - peer-review › Journal article – Annual report year: 2016

Silicone rubbers for dielectric elastomers with improved dielectric and mechanical properties as a result of substituting silica with titanium dioxide
Publication: Research - peer-review › Journal article – Annual report year: 2015

Simulation and multivariable optimization of post-combustion capture using piperazine
Publication: Research - peer-review › Journal article – Annual report year: 2016

Solubility Measurements and Modeling of Zinc, Lead and Iron Sulfides at High Temperatures and High Pressures
Carolina Figueroa Murcia, D., Fosbøl, P. L. & Thomsen, K. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Solubility Modeling of the Binary Systems Fe(NO₃)₃-H₂O, Co(NO₃)₂-H₂O and the Ternary System Fe(NO₃)₃-Co(NO₃)₂-H₂O with the Extended Universal Quasichemical (UNIQUAC) Model
Arrad, M., Kaddami, M., Goundali, B. E. & Thomsen, K. 2016 In : Journal of Solution Chemistry. 45, 4, p. 534-545
Publication: Research - peer-review › Journal article – Annual report year: 2016

Solvent selection methodology for pharmaceutical processes: Solvent swap
Papadakis, E., Kumar Tula, A. & Gani, R. 2016 In : Chemical Engineering Research & Design. 115, p. 443-461
Publication: Research - peer-review › Journal article – Annual report year: 2016

Sources and propagation of uncertainty in N₂O model predictions
Publication: Research - peer-review › Poster – Annual report year: 2016

Sourcing and bioprocessing of brown seaweed for maximizing glucose release
Manns, D. M. & Meyer, A. S. 2016 Technical University of Denmark, Department of Chemical and Biochemical Engineering. 138 p.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Statistical model semiquantitatively approximates arabinoxylooligosaccharides’ structural diversity
Dotsenko, G., Nielsen, M. K. & Lange, L. 2016 In : Carbohydrate Research. 426, p. 9-14
Publication: Research - peer-review › Journal article – Annual report year: 2016

Statistical optimization of operating parameters for CSTR bioprocesses: the case study of glycerol conversion
Varrone, C., Skiadas, I. V. & Gavala, H. N. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Stepwise extraction of Lepidium sativum seed gum: Physicochemical characterization and functional properties
The effect of cultivation media and washing whole-cell biocatalysts on monoamine oxidase catalyzed oxidative desymmetrization of 3-azabicyclo[3,3,0]octane
Publication: Research - peer-review › Journal article – Annual report year: 2016

The effect of H2S addition to methane on the ignition and oxidation at high pressures
Publication: Research - peer-review › Poster – Annual report year: 2016

The Fundamentals Of Bioeconomy The Biobased Society
Publication: Communication › Report – Annual report year: 2017

The fundament of food, crop protein production, is threatened by climate change
Publication: Research - peer-review › Internet publication – Annual report year: 2016

The Phase Envelope of Multicomponent Mixtures in the Presence of a Capillary Pressure Difference
Publication: Research - peer-review › Journal article – Annual report year: 2016

The Relation Between Structure-Performance of Thin Film Composite Membranes and the Tools Used for Their Fabrication Method
Briceno, K., Javakhishvili, I., Guo, H., Villy Christensen, K., Norddahl, B., Hvilsted, S. & Lipnizki, F. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Thermodynamic modeling of CO2 mixtures
Publication: Research › Ph.D. thesis – Annual report year: 2016

Thermodynamic modeling of liquid–liquid phase change solvents for CO2 capture
Publication: Research - peer-review › Journal article – Annual report year: 2016

Thermodynamic Property Needs for the Oleochemical Industry
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Thermodynamics 2015 Conference Copenhagen, Denmark, 15-18 September 2015
Economou, I. G. & Kontogeorgis, G. 2016 In : Molecular Physics. 114, 18, p. 2569-2573
Publication: Research - peer-review › Editorial – Annual report year: 2016

Thermostable β-galactosidases for the synthesis of human milk oligosaccharides
Publication: Research - peer-review › Journal article – Annual report year: 2016

Thiol-ene thermosets exploiting surface reactivity for layer-by-layer structures and control of penetration depth for selective surface reactivity.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Towards an optimal experimental design for N2O model calibration during biological nitrogen removal
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Toward the Development and Deployment of Large-Scale Carbon Dioxide Capture and Conversion Processes
Yuan, Z., Eden, M. R. & Gani, R. 2016 In : Industrial and Engineering Chemistry Research. 55, 12, p. 3383-3419
Publication: Research - peer-review › Journal article – Annual report year: 2016

Uncertainty analysis as essential step in the establishment of the dynamic Design Space of primary drying during freeze-drying
Publication: Research - peer-review › Journal article – Annual report year: 2016

Uncertainty analysis of the CPA and a quadrupolar CPA equation of state - With emphasis on CO2
Bjørner, M. G., Sin, G. & Kontogeorgis, G. M. 2016 In : Fluid Phase Equilibria. 414, p. 29-47
Publication: Research - peer-review › Journal article – Annual report year: 2016

Upgrading and recovery of fertilizer value of ash from PYRONEER gasification
Publication: Research › Ph.D. thesis – Annual report year: 2017

Validation of 3D-CMCC Forest Ecosystem Model (v.5.1) against eddy covariance data for 10 European forest sites
Publication: Research - peer-review › Journal article – Annual report year: 2016

Validation of a plant-wide phosphorus modelling approach with minerals precipitation in a full-scale WWTP
Publication: Research - peer-review › Journal article – Annual report year: 2016

Valorization of lignin from biorefineries for fuels and chemicals
Publication: Research › Ph.D. thesis – Annual report year: 2016

Variation in biochemical composition of Saccharina latissima and Laminaria digitata along an estuarine salinity gradient in inner Danish waters
Publication: Research - peer-review › Journal article – Annual report year: 2016

Viden er den vigtigste ingrediens
Publication: Commissioned › Report – Annual report year: 2016

Visualizing the mobility of silver during catalytic soot oxidation
Publication: Research - peer-review › Journal article – Annual report year: 2016
Activity and stability of $\text{Mo}_2\text{C}/\text{ZrO}_2$ as catalyst for hydrodeoxygenation of mixtures of phenol and 1-octanol

Adhesion Strength of Biomass Ash Deposits

Advanced combustion control for a wood log stove, Expert workshop - Highly Efficient and Clean Wood Log Stoves

A dynamic mathematical model for packed columns in carbon capture plants

Aeretion control by monitoring the microbiological activity using fuzzy logic diagnosis and control. Application to a complete autotrophic nitrogen removal reactor

A Framework for Modular Modeling of the Diesel Engine Exhaust Gas Cleaning System

A Framework for Sustainable Design of Algal Biorefineries: Economic Aspects and Life Cycle Analysis

African perspective on cellulosic ethanol production

A general enhancement factor model for absorption and desorption systems: A $\text{CO}_2$ capture case-study

A generalised chemical precipitation modelling approach in wastewater treatment applied to calcite

A generic methodology for the optimisation of sewer systems using stochastic programming and self-optimizing control
An electrolyte CPA equation of state for mixed solvent electrolytes  
Publication: Research - peer-review ▶ Journal article – Annual report year: 2015

A New Optimization Model for Computer-Aided Molecular Design Problems  
Zhang, L., Cignitti, S. & Gani, R. 2015  
Publication: Research - peer-review ▶ Conference abstract for conference – Annual report year: 2015

A new soft dielectric silicone elastomer matrix with high mechanical integrity and low losses  
Publication: Research - peer-review ▶ Journal article – Annual report year: 2015

An integrated approach for enhancing biogas yield of manure-based anaerobic digestion  
Publication: Research - peer-review ▶ Conference abstract in proceedings – Annual report year: 2015

A new soft dielectric silicone elastomer matrix with high mechanical integrity and low losses  
Publication: Research - peer-review ▶ Journal article – Annual report year: 2015

An inverse radiation model for optical determination of temperature and species concentration: Development and validation  
Publication: Research - peer-review ▶ Journal article – Annual report year: 2014

An integrated, Multi-Stage, Multi-Scale Framework for Achieving Sustainable Process Synthesis-Intensification-Control  
Babi, D. K., Kumar Tula, A., Mansouri, S. S. & Gani, R. 2015  
Publication: Research - peer-review ▶ Conference abstract for conference – Annual report year: 2015

A novel control strategy for single-stage autotrophic nitrogen removal in SBR  
Publication: Research - peer-review ▶ Journal article – Annual report year: 2015

A novel tuning approach for offset-free MPC  
Publication: Research - peer-review ▶ Article in proceedings – Annual report year: 2015

A Numerical Procedure for Model Identifiability Analysis Applied to Enzyme Kinetics  
Publication: Research - peer-review ▶ Article in proceedings – Annual report year: 2015

A Perspective on PSE in Fermentation Process Development and Operation  
Publication: Research - peer-review ▶ Article in proceedings – Annual report year: 2015

A plant wide aqueous phase chemistry model describing pH variations and ion speciation/pairing in wastewater treatment process models  
Publication: Research - peer-review ▶ Conference abstract for conference – Annual report year: 2015
A plant-wide aqueous phase chemistry module describing pH variations and ion speciation/pairing in wastewater treatment process models
Publication: Research - peer-review › Journal article – Annual report year: 2015

A Posteriori Integration of University CAPE Software Developments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Application of A Microfluidic Tool for the Determination of Enzyme Kinetics
Publication: Research › Ph.D. thesis – Annual report year: 2015

Application of CAPEC Lipid Property Databases in the Synthesis and Design of Biorefinery Networks
Bertran, M-O., Cunico, L. & Gani, R. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Application of Enzyme Coupling Reactions to Shift Thermodynamically Limited Biocatalytic Reactions
Publication: Research - peer-review › Journal article – Annual report year: 2015

Application of Microfluidics for the Development of Intensified Aminotransferase (ATA) Processes
Publication: Research › Ph.D. thesis – Annual report year: 2015

Application of Multivariate Analysis Tools to Industrial Scale Fermentation Data
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Application of New Electrolyte Model to Phase Transfer Catalyst (PTC) Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Projects:

Flame Synthesis of Nano-particles
Gao, J., Dam-Johansen, K., Lin, W. & Wu, H. 15/05/2018 → 14/05/2021
Project: PhD

Mechanisms of High Temperature agglomerative in fluidized beds
Zhao, L., Dam-Johansen, K., Lin, W. & Wu, H. 15/05/2018 → 14/05/2021
Project: PhD

Characterization of the non-uniform fluid distribution in tight petroleum reservoirs
Baghooee, H., Shapiro, A., Lassen, C. & Yan, W. 01/05/2018 → 30/04/2021
Project: PhD
Optimized high temperature cyclones used for stone wool production by CFD modelling
15/04/2018 → 06/06/2021
Project: PhD

Tubular membrane reactions for immobilization of enzymes
Zverina, L., Daugaard, A. E., Pinelo, M. & Woodley, J.
01/03/2018 → 28/02/2021
Project: PhD

Coating with inherent sensing functionality based on dielectric elastomers
Krpovic, S., Skov, A. L. & Dam-Johansen, K.
01/02/2018 → 31/01/2021
Project: PhD

Heavy Duty Coatings
01/02/2018 → 31/01/2021
Project: PhD

Modification of ultrafiltration membranes to create high performance filtration/reaction matrixes
Ji, M., Pinelo, M., Daugaard, A. E., Luo, J. & Woodley, J.
01/02/2018 → 31/01/2021
Project: PhD

Optimization of industriell anaerobic pre-treatment processes
01/02/2018 → 31/01/2021
Project: PhD

Production of Polyhydroxyalkanoates from crude glycerol
Burniol Figols, A., Gavala, H. N., Daugaard, A. E. & Skiadas, I. V.
01/02/2018 → 31/01/2020
Project: PhD

Structure property relationships in coatings
01/02/2018 → 31/01/2021
Project: PhD

Ecological Control Strategies for Biobutanol Production
Pinto, T. N. B. C., Gernaey, K. V., Alsina, X. F., Junicke, H. & Eliasson Lantz, A.
01/01/2018 → 31/12/2020
Project: PhD

Gas liberation in tight porous medium
Al-Masri, W. F., Shapiro, A., Nielsen, C. M. & Nielsen, S. M.
01/01/2018 → 31/12/2020
Project: PhD

Strechable conductive elastomers
Shao, J., Daugaard, A. E. & Skov, A. L.
01/01/2018 → 31/12/2020
Project: PhD
Theory, simulation and models for electrolyte systems with focus on ionic liquids
Tong, J., von Solms, N., Liang, X. & Zhang, S.
01/01/2018 → 31/12/2020
Project: PhD

Methane production and carbon capture through hydrate swapping
Shi, M., von Solms, N. & Woodley, J.
01/12/2017 → 30/11/2020
Project: PhD

Study on self-healing and high-permittivity silicone elastomer/keratin composite materials
Liu, X., Skov, A. L., Nie, Y. & Zhang, S.
01/12/2017 → 30/11/2020
Project: PhD

Catalytic Cracking of Sugars for Production of Chemicals
Schandel, C. B., Jensen, A. D., Høj, M. & Osmundsen, C. M.
01/11/2017 → 31/10/2020
Project: PhD

Catalytic methanol synthesis
Nielsen, N. D., Christensen, J. M. & Jensen, A. D.
01/11/2017 → 31/10/2020
Project: PhD

Continuous Biocatalytic Alkene Hydrogenation
01/11/2017 → 31/10/2020
Project: PhD

Novel catalysts for the oxidation of methanol to formaldehyde
Thrane, J., Jensen, A. D., Høj, M. & Thorhauge, M.
01/11/2017 → 31/10/2020
Project: PhD

Solvent Molecular Design Process Synthesis and Energy Requirements in Chemical and Biochemical Processes
Chen, Y., Woodley, J., Gani, R. & Kontogeorgis, G.
01/11/2017 → 31/10/2020
Project: PhD

Air-pollutant sensor system for wood stoves
Du, Y., Glarborg, P., Clausen, S. & Illerup, J. B.
01/09/2017 → 31/08/2020
Project: PhD
Anticorrosive coatings and pigments engineering
Sedaghat Nezhad, S., Kill, S., Dam-Johansen, K. & Erik Weinell, C.
01/09/2017 → 31/08/2020
Project: PhD

Coating interlayer adhesion loss
Wang, T., Kill, S., Dam-Johansen, K. & Erik Weinell, C.
01/09/2017 → 31/08/2020
Project: PhD

Development and Application of Novel Free-floating Sensor Device for Bioprocess Optimization
Bisgaard, J., Gernaey, K. V., Huusom, J. K., Skyggebjerg, O. & Skyggebjerg, O.
01/09/2017 → 31/08/2020
Project: PhD

Functional Polysilazanes for Coating Applications
Kristiansen, T., Skov, A. L., Dam-Johansen, K. & Daugaard, A. E.
01/09/2017 → 31/01/2018
Project: PhD

Kinetics of Scale Formation in Oil and Gas Production
Lomsøy, P., Thomsen, K., Ambat, R. & Fosbøl, P. L.
01/09/2017 → 31/08/2020
Project: PhD

Membrane-based in-situ product removal
Jaksland, A., Woodley, J., Pinelo, M. & Wan, Y.
01/09/2017 → 31/08/2020
Project: PhD

NOx control in combustion of alternative fuels
Krum, K. R. K., Glarborg, P., Norman, T. & Wu, H.
01/09/2017 → 31/08/2020
Project: PhD

Coatings for high pressure and high temperature
Ferrero, G., Sudireddy, B. R., Dam-Johansen, K., Bjørnetun Haugen, A. & Ringgaard, E.
15/08/2017 → 14/08/2020
Project: PhD

Advanced wound care adhesives with new functional properties
Chiaula, V., Skov, A. L., Mazurek, P. S., Nielsen, A. C., Tornøe, J. & Tornøe, J.
01/08/2017 → 31/07/2020
Project: PhD

Synthesis and characterization of hydrogels to be used as dielectric elastomers
Vaicekauskaite, J., Skov, A. L. & Yu, L.
15/07/2017 → 14/07/2020
Project: PhD

High performance immobilization of enzymes in inorganic membranes
Sigurdardóttir, S. B., Pinelo, M., Della Negra, M. & Kaiser, A.
01/06/2017 → 31/05/2020
Project: PhD
Sustainable Process Synthesis and Design
Al, R., Sin, G., Gernaey, K. V. & Zubov, A.
01/05/2017 → 30/04/2020
Project: PhD

Discovery and engineering of new enzymes for efficient enzymatic conversion of CO2 to CH2OH
Nielsen, C. F., Meyer, A. S., Christensen, J. M. & Lange, L.
01/04/2017 → 31/03/2020
Project: PhD

Physiological characterization of the impact of gradients on fermentation processes
Nadal Rey, G., Gernaey, K. V., Cornelissen, S. & Eliasson Lantz, A.
01/03/2017 → 29/02/2020
Project: PhD

Advanced oil recovery processes: Modifications of injection water composition
Hao, J., Nielsen, S. M. & Shapiro, A.
15/02/2017 → 14/02/2020
Project: PhD

Decolorization, Desalination and Purification of Molasses by Nanofiltration
Tan, S., Pinelo, M., Krühne, U. & Luo, J.
15/02/2017 → 15/09/2017
Project: PhD

The Thermodynamics and Transport Properties on Ionic-Liquids Based Compounds
Cai, Y., Thomsen, K. & von Solms, N.
15/02/2017 → 14/02/2020
Project: PhD

CFD Modelling of dynamic microfiltration for application in biotechnology processes
Marke, H. S., Krühne, U., Hansen, E. & Pinelo, M.
01/02/2017 → 31/01/2020
Project: PhD

Use of Zeolites for Tar De-Oxygenation
01/02/2017 → 31/01/2020
Project: PhD

Enhanced Oil Recovery Methods targeting Danish North Sea Chalk Reservoirs
Taheriotaghsara, M., Nielsen, S. M. & Shapiro, A.
15/01/2017 → 14/01/2020
Project: PhD

Advanced Modelling, Simulation and Optimization for in Silivo Process Design
Öner, M., Sin, G., Abildskov, J., Gernaey, K. V., Shibabaw Molla, G. & Stocks, S. M.
01/01/2017 → 31/12/2019
Project: PhD
Alternative liquid fuels in burners optimized for low NOx emissions and high burn out
Cafaggi, G., Jensen, P. A., Dam-Johansen, K. & Glarborg, P.
01/01/2017 → 31/12/2019
Project: PhD

Antimicrobial Polymers for Catheter Coatings
Andersen, C., Daugaard, A. E., Madsen, N. J. & Skov, A. L.
01/01/2017 → 31/12/2019
Project: PhD

Conceptual design of yeast propagation strategies for improved bioethanol production
Lopez, P. C., Gernaey, K. V. & Junicke, H.
01/01/2017 → 31/12/2019
Project: PhD

Mechanical and photochemical stabilization of flexible organic solar cells
Ogliani, E., Skov, A. L., Hvilsted, S. & Yu, L.
01/01/2017 → 31/12/2019
Project: PhD

Monolithic Thiol-ene Materials with Drastically Different Mechanical Properties
Shen, P., Szabo, P. & Daugaard, A. E.
01/01/2017 → 31/12/2019
Project: PhD

Sustainable Catalytic Alcohol Synthesis from Hydrogen and Carbon Dioxide
Schumann, M., Christensen, J. M., Grunwaldt, J. & Jensen, A. D.
01/01/2017 → 31/12/2019
Project: PhD

Homology to peptide pattern for annotation of carbohydrate-active enzymes and prediction of function
14/12/2016 → 12/04/2017
Project

Advanced modeling, simulation and tools integration for in-silico process design and optimization
Shibabaw Molla, G.
01/11/2016 → …
Project

Phase Behavior of Inhomogeneous Fluids
Camacho Vergara, E. L., Kontogeorgis, G. & Liang, X.
01/11/2016 → 31/10/2019
Project: PhD

Chemical & Biochemical Sustainable Process Synthesis - Intensification
Garg, N., Woodley, J., Kontogeorgis, G. & Kontogeorgis, G.
15/10/2016 → 14/10/2019
Project: PhD

Development of a Raman spectroscopy based control system for the U-Loop fermentor
Petersen, L. A. H., Gernaey, K. V., Christensen, I. & Eliasson Lantz, A.
15/10/2016 → 14/10/2019
Project: PhD
Novel testing methods for intumescent coating
Zeng, Y., Kiil, S. & Dam-Johansen, K.
15/10/2016 → 14/10/2019
Project: PhD

CFD Simulation of Heterogeneous Reacting Systems
Luo, H., Dam-Johansen, K. & Wu, H.
01/10/2016 → 30/09/2019
Project: PhD

Models for estimation and analyses of emissions from chemical processes and products
Jhamb, S. V., Kontogeorgis, G., Dam-Johansen, K., Liang, X. & Liang, X.
01/10/2016 → 30/09/2019
Project: PhD

Thermodynamic Modeling of CO2 Gas Hydrate Formation Systems
Sun, L., Kontogeorgis, G. & Liang, X.
01/10/2016 → 30/09/2019
Project: PhD

Development Reactors
Svith, C. S., Dam-Johansen, K., Lin, W. & Wu, H.
15/09/2016 → 14/10/2019
Project: PhD

Production of alkali from cocoa husk ash and biological extraction of hydrocolloid from Sargassum sp.
Ale, M. T., Rhein-Knudsen, N., Bentil, J. A. & Meyer, A. S.
05/09/2016 → 06/02/2017
Project

Production of alkali from cocoa husk ash for extraction of hydrocolloid from biologically pretreated red seaweed
Ale, M. T., Rhein-Knudsen, N., Bentil, J. A. & Meyer, A. S.
05/09/2016 → 06/02/2017
Project

Catalytic Oxidation of CH4
Zhang, Y., Glarborg, P., Christensen, J. M. & Jensen, A. D.
01/09/2016 → 31/08/2019
Project: PhD

Downstream Processing of Biochemical Processes
Meyer, K., Abildskov, J. & Huusom, J. K.
01/09/2016 → 31/08/2019
Project: PhD

Energy Efficiency Hybrid Separation Process with Ionic Liquid
Liu, X., Kontogeorgis, G., Liang, X. & Liang, X.
01/09/2016 → 31/08/2019
Project: PhD

Fluidized bed combustion of biomass
Ulusoy, B., Dam-Johansen, K., Lin, W. & Wu, H.
01/09/2016 → 31/08/2019
Project: PhD
A Decision Support Tool for Screening Novel WWT Processes
Behera, C. R., Sin, G. & Gernaey, K. V.
15/08/2016 → 14/08/2019
Project: PhD

Optimized recycling in an integrated melting furnace for production of stone wool melt
01/08/2016 → 17/02/2020
Project: PhD

Systematic enzyme discovery, targeted to fungal and algal biomass
Pilgaard, B., Lange, L., Busk, P. K. & Meyer, A. S.
01/08/2016 → 30/07/2020
Project: PhD

Combined flue gas cleaning for small scale wood combustion appliances
Azizaddini, S., Lin, W. & Illerup, J. B.
20/06/2016 → 19/06/2018
Project

PhD position in Valorization of Industrial Waste Streams from Tuber Processing - Sino Danish Center (SDC)
Barrett, K., Lange, L., Busk, P. K. & Meyer, A. S.
01/06/2016 → 31/07/2019
Project: PhD

Thermodynamics, Design, Simulation and Benchmarking of Biofuel Processes
Torli, M., Fosbøl, P. L. & Kontogeorgis, G.
01/06/2016 → 31/05/2019
Project: PhD

Validation and Improvement of Property and Process Modelling for Oleochemicals
01/06/2016 → 31/05/2019
Project: PhD

Enzymatic lignin biorefining by cleavage of lignin-carbohydrate complexes
15/05/2016 → 14/05/2019
Project: PhD

Computational Fluid Dynamics (CFD) Study of Bio-Dust Combustion
01/05/2016 → 30/04/2019
Project: PhD

Heat Transfer in dielectric elastomers
Madsen, L. R., Skov, A. L. & Hassager, O.
01/05/2016 → 30/04/2019
Project: PhD
Surface Characterization of Activated Chalcopyrite Particles
Karcz, A. P., Dam-Johansen, K., Damø, A. J. & Illerup, J. B.
01/05/2016 → 30/04/2019
Project: PhD

Thermodynamic modelling and data evaluation for life sciences applications
Ruszczynski, L., Abildskov, J., Sin, G. & Zubov, A.
01/05/2016 → 30/04/2019
Project: PhD

Design and optimization of selected oleochemical processes
Jones, M. N., Sin, G., Gernaey, K. V. & Sarup, B.
15/04/2016 → 14/04/2019
Project: PhD

In-silico Process Design and Evaluation Tool for Pharmaceutical Manufacturing
do Carmo Montes, F. D. C., Sin, G. & Gernaey, K. V.
15/04/2016 → 14/04/2019
Project: PhD

Sustainable Process Synthesis and Design
Maria Dragan, J., Sin, G. & Zubov, A.
15/04/2016 → 31/01/2017
Project: PhD

Thermodynamics of Petroleum Fluids relevant to Subsea Processing
Kruger, F., von Solms, N. & Kontogeorgis, G.
01/04/2016 → 31/03/2019
Project: PhD

Fermentation of Synthesis Gas
Alemany, A. G., Gavala, H. N. & Skiadas, I. V.
01/03/2016 → 28/02/2019
Project: PhD

Fermentation of Synthesis Gas and Design of Bioreactors
Asimakopoulos, K., Skiadas, I. V. & Gavala, H. N.
01/02/2016 → 31/01/2019
Project: PhD

Plantwide Monitoring and Control of Biochemical Processes
David Bähner, F., Huusom, J. K. & Abildskov, J.
01/02/2016 → 31/10/2019
Project: PhD

Biomass Particle Morphology and Combustion Properties
01/01/2016 → 31/12/2018
Project: PhD

Biomass Particle ignition in mill equipment
Schwarzer, L., Jensen, P. A., Dam-Johansen, K., Glarborg, P. & Holm, J. K.
15/12/2015 → 14/01/2019
Project: PhD
Energy production from seaweed and seaweed processing residues
Iddrisu, A., Meyer, A. S. & Thygesen, A.
15/12/2015 → 04/03/2016
Project: PhD

Autosamling and monitoring of bioprocesses
Pontius, K., Gernaey, K. V., Junicke, H. & Hundebøl, I.
01/12/2015 → 07/01/2019
Project: PhD

Development of Strategies for More Efficient CIP Cleaning
Yang, J., Krühne, U. & Gernaey, K. V.
01/12/2015 → 30/11/2018
Project: PhD

Laccase engineering and reaction analysis
Perna, V., Meyer, A. S. & Wittrup Agger, J.
01/12/2015 → 02/05/2019
Project: PhD

Oxygen Blown Biomass Gasification
01/12/2015 → 30/11/2018
Project: PhD

Use of Ionic Liquids and Support Materials for High Performance Enzymatic Conversion of CO2 into Formic Acid and Formaldehyde
Zhang, Z., Pinelo, M., Zhang, S. & von Solms, N.
01/12/2015 → 30/11/2018
Project: PhD

Thermodynamic property of ionic liquids/CO2 system and its applications: Highly efficient conversion of CO2 at mild conditions
Meng, X., von Solms, N., Liang, X. & Zhang, S.
15/11/2015 → 14/11/2018
Project: PhD

Thermodynamic property of ionic liquids/CO2 system and its applications: Highly efficient conversion of CO2 at mild conditions
Meng, X., von Solms, N., Liang, X. & Zhang, S.
15/11/2015 → 14/11/2018
Project: PhD

Silicone elastomers with aromatic voltage stabilizers
A Razak, A. H. & Skov, A. L.
01/11/2015 → 01/07/2016
Project

Advancing Modelling for Process-Product Innovation, Optimization, Monitoring and Control in Life Science Industries
01/11/2015 → 31/10/2019
Project
Design and Fabrication of Functionalized Ionic Liquid-based Polymeric Composite Membrane for CO2 Separation
Song, T., Szabo, P., Daugaard, A. E., Zhang, S. & Zhang, X.
01/11/2015 → 31/10/2018
Project: PhD

Engineered yeast strains for the production of bulk chemicals from algae biomass
Förster, J., Porcayo Loza, J. & Gernaey, K. V.
15/10/2015 → 14/10/2018
Project

Hydrogen assisted catalytic biomass pyrolysis for green fuels
01/10/2015 → 30/09/2018
Project: PhD

Next Generation Methanol to Formamidox Selective Oxidation Catalysts
Raun, K. V., Jensen, A. D. & Høj, M.
01/10/2015 → 30/09/2018
Project: PhD

Understanding Sulphuric Acid Accumulation in Lube oil in Diesel Engines
Lejre, K. H., Kiil, S., Fosbøl, P. L. & Glarborg, P.
01/10/2015 → 30/09/2018
Project: PhD

Systematic computer aided methods and tools for lipids process technology
Ana Perederic, O., Woodley, J., Kontogeorgis, G., Kontogeorgis, G. & Sarup, B.
15/09/2015 → 14/09/2018
Project: PhD

Development of Large-Scale Processes Using Alcohol Oxidases
Dias Gomes, M., Woodley, J. & Krühne, U.
01/09/2015 → 31/10/2018
Project: PhD

Estimation of Matrix Flow contribution in naturally fractured reservoirs
Brand Ferrell, J., Shapiro, A., Stenby, E. H. & Yan, W.
01/09/2015 → 31/08/2018
Project: PhD

Model based Biochemical Processes Monitoring
André Fernandes Caroço, R., Huusom, J. K. & Abildskov, J.
01/09/2015 → 31/08/2018
Project: PhD

Selective Catalytic Reduction of NOx from Ships
Christensen, S. M., Jensen, A. D., Hansen, B. B. & Pedersen, K. H.
01/09/2015 → 31/08/2018
Project: PhD
Automating Experimentation in miniaturized reactors
Tajsoleiman, T., Krühne, U., Gernaey, K. V. & Huusom, J. K.
15/08/2015 → 14/10/2018
Project: PhD

Bioprocess risk assessment using a mechanistic modelling framework
01/08/2015 → 31/07/2018
Project: PhD

Consistent Scale-up of the Freeze-drying Process
Teresa de Melo Machado Simoes Carvalho, A., Gernaey, K. V., Clausen, A., Krühne, U. & Madsen, M. M.
01/08/2015 → 31/07/2018
Project: PhD

Diabatic Separation of Fermentation Liquids
Jesper Greisen Larsen, M., Abildskov, J. & Huusom, J. K.
01/08/2015 → 30/04/2017
Project: PhD

Low friction non-fouling coatings for high fuel efficiency at reduced speed
Wang, X., Kill, S., Dam-Johansen, K. & Tullberg, M.
01/08/2015 → 31/07/2018
Project: PhD

Thermochemical Conversion of Biomass
Anicic, B., Dam-Johansen, K., Lin, W. & Wu, H.
01/08/2015 → 31/07/2018
Project: PhD

Development of large-scale processes for baeyer-Villiger Biocatalysis
Meissner, M. P., Woodley, J. & Krühne, U.
15/07/2015 → 14/07/2018
Project: PhD

Thermodynamics, Design, Simulation and Benchmarking of Biofuel Processes
Fosbøl, P. L.
01/07/2015 → 30/06/2019
Project

Sulphur (SOx) corrosion in large diesel engines
Fosbøl, P. L.
01/07/2015 → 01/01/2019
Project

Sulcor - Securing Corrosion Free Conditions
Nielsen, H. L., Fosbøl, P. L., Glarborg, P., Kill, S. & Thomsen, K.
01/07/2015 → 30/06/2018
Project: PhD

BIO-based PROduction: TOwards the next generation of optimized and sustainable processes
Jørgensen, T. M.
01/06/2015 → 01/06/2019
Project
Application of forward osmosis for water recovery and effluent up-concentration: the case of fermentative butanol production from crude glycerol
Kalafatakis, S., Gavala, H. N., Skiadas, I. V., Pinelo, M., Christensen, M. L. & Venus, J.
01/06/2015 → 30/09/2017
Project: PhD

Aqueous Ammonia Soaking as a pretreatment of lignocellulosic biomasses for improving manure treatment for enhancing biogas yield from lignocellulosic biomasses and anaerobic digestion
Lymperatou, A., Skiadas, I. V., Gavala, H. N., Pinelo, M., Carrere, H. & Holm-Nielsen, J. B.
01/06/2015 → 13/11/2017
Project: PhD

Durable Zeolite Based Catalyst Systems for Diesel Emission Control
Hammershøi, P. S., Jensen, A. D. & Janssens, T. V. W.
15/05/2015 → 14/05/2018
Project: PhD

HCl emission from cement plants
Pachitsas, S., Wedel, S., Dam-Johansen, K., Jensen, L. S. & Jensen, L. S.
15/05/2015 → 29/06/2018
Project: PhD

Multiphase flow and fuel conversion in cement calciner
Nakhaei, M., Dam-Johansen, K., Glarborg, P., Grevain, D., Jensen, L. S. & Wu, H.
15/05/2015 → 11/08/2018
Project: PhD

Application of an association equation of state to enhanced oil recovery processes
Pinto Coelho Muniz Vinhal, A., Kontogeorgis, G. & Yan, W.
01/05/2015 → 30/06/2018
Project: PhD

The implementation of anammox in a full-scale industrial waste-water treatment plant
01/04/2015 → 31/07/2018
Project: PhD

Anti-stick coatings in the cement and mineral industries
Mørk, K. S., Kill, S., Dam-Johansen, K. & Sivebæk, I. M.
01/03/2015 → 31/08/2016
Project: PhD

Burners for Cement Kilns
01/03/2015 → 30/04/2018
Project: PhD

Modeling of gradients in large scale bioreactors
01/03/2015 → 12/04/2018
Project: PhD

Fractionation and enzymatic processing of biomass for biorefinery applications
01/02/2015 → 30/04/2018
Project: PhD
Study of Fixed Film Fixed Filter AD (4FAD) Biogas System Performance at High Suspended Solids and COD loads
Gonzalez Londono, J. E., Meyer, A. S., Jensen, A. P., Thomsen, K. & Uller, B.
01/02/2015 → 31/01/2019
Project: PhD

Seaweed Biorefinery in Ghana
Ale, M. T.
01/01/2015 → 31/12/2019
Project

Catalysis Methanol Synthesis
Liu, Y., Jensen, A. D., Christensen, J. M., Dam-Johansen, K. & Lin, W.
01/01/2015 → 31/05/2016
Project: PhD

Cellulase enzymology and production
01/01/2015 → 18/04/2018
Project: PhD

Enzyme discovery for seaweed processing
Cao, T. T. H., Meyer, A. S., Dalgaard Mikkelsen, M. & Mikkelsen, J. D.
01/01/2015 → 16/04/2018
Project: PhD

Research of conductive spinning solution in ionic liquid and enzymatic modification cellulose system
01/01/2015 → 31/12/2017
Project: PhD

Development of Optimal Operating Conditions for Producing Single Cell Protein
Wu, M., Gernaey, K. V., Huusom, J. K. & Krühne, U.
15/12/2014 → 15/09/2018
Project: PhD

NOx reduction in grate-firing solid waste power plants
15/12/2014 → 14/12/2017
Project: PhD

Investigation of oxygen-blown biomass gasification
Gadsbøll, R. Ø., Henriksen, U. B., Ahrenfeldt, J. & Clausen, L. R.
01/12/2014 → 21/06/2018
Project: PhD

Seaweed polysaccharides production using enzymes technologies
01/12/2014 → 22/05/2018
Project: PhD

Optimal Model Based Process Monitoring of Tubular Reactors
Ramirez Castelan, C. E., Huusom, J. K., Brix, J. & Jensen, A. D.
15/11/2014 → 14/08/2018
Project: PhD
Catalytic Hydro-Liquefaction of Lignin to Value added Chemicals
Ghafarnejad Parto, S., Jensen, A. D., Christensen, J. & Taarning, E.
01/11/2014 → 30/04/2018
Project: PhD

PSMsolubilization of inorganic phosphorus in gasified waste products: optimization of the performance and persistence of biofertilizers in different soil/crop systems
Raymond, N., Pilegaard, K., Hauggaard-Nielsen, H. & Müller-Stöver, D. S.
01/11/2014 → 31/12/2014
Project: PhD

Prediction of Deposit Formation in Biomass Fired Suspension Boilers - Gaining fundamental Data neede for Mechanistic Deposit Modelling
15/10/2014 → 22/05/2018
Project: PhD

Characterization of Microbial consortia for keratin degradation processes
01/10/2014 → 30/04/2018
Project: PhD

Sustainable process design with process intensification
Frauzem, R., Gani, R., Woodley, J., Kontogeorgis, G., Bode, A. & Zondervan, E.
01/10/2014 → 14/02/2018
Project: PhD

Using Coal Ash and other Additives in Suspension Fired Biomass Power Plant Boilers using Coal Ash and other Additives in Supension Fired Biomass Power plant Boilers
01/10/2014 → 22/05/2018
Project: PhD

Computer-aided Mixture and Blend Design
Cignitti, S., Woodley, J., Abildskov, J., Gernaey, K. V., Kontogeorgis, G., Camarda, K. V. & Kate, A. J. B. T.
15/09/2014 → 24/01/2018
Project: PhD

Continuous crystallization and filtration of Effective Pharmaceutical Ingredients and Intermediates for pharmaceutical production
Capellades Mendez, G., Kiil, S., Christensen, T. V., Dam-Johansen, K., Mealy, M. J., Gernaey, K. V., Glennon, B. & Lopez de Diego, H.
15/09/2014 → 24/11/2017
Project: PhD

On the correlation between Young's modulus and melt flow in fiber spinning operations
Wingstrand, S. L., Hassager, O., Szabo, P., Skov, A. L., Peters, G. W. & van Ruymbeke, E.
15/09/2014 → 13/11/2017
Project: PhD

Modelling, Synthesis and Analysis of Biorefinery Networks
01/09/2014 → 14/02/2018
Project: PhD
Model-based interpretation of microbioreactor data
15/08/2014 → 15/02/2018
Project: PhD

Protective Coatings in the Cement and Mineral Industry
15/08/2014 → 14/03/2018
Project: PhD

Temperature and poroelasticity of sedimentary rocks
Orlander, T.
01/08/2014 → 01/08/2017
Project

Fractionation and processing of biomass for biorefinery applications
Maimann, M., Jørgensen, H. & Pinelo, M.
01/08/2014 → 14/10/2014
Project: PhD

Modification of polymer surfaces to enhance enzyme activity and stability
Hoffmann, C., Daugaard, A. E., Pinelo, M., Woodley, J., Szabo, P., Gardossi, L. & Malkoch, M.
01/08/2014 → 13/12/2017
Project: PhD

Micro Scale Reactor System development with integrated advanced sensor technology
Oliveira Fernandes, A. C., Krühne, U., Gernaey, K. V., Eliasson Lantz, A., Kockmann, N. & Wohlgemuth, R.
01/07/2014 → 24/01/2018
Project: PhD

Computer-aided molecular design of novel working fluids to optimize heat transfer processes
Frutiger, J., Sin, G., Abildskov, J., von Solms, N., Bode, A. & Papadopoulos, A.
01/06/2014 → 25/08/2017
Project: PhD

Development of the Electrolyte CPA Equation of State
Schlaikjer, A. T., Kontogeorgis, G., Thomsen, K., Woodley, J., Georgiadis, M. C. & Mujtaba, I. M.
01/06/2014 → 20/05/2018
Project: PhD

New Catalysts for Emissions Reduction in diesel Engines
Allen, I. & Jensen, A. D.
01/06/2014 → 30/06/2018
Project: PhD

New fungal endomannanase diversity for mannan containing substrates in bioenergy
01/06/2014 → 08/10/2018
Project: PhD

Integration between enzyme technology and membrane separation in biorefinery processes
01/05/2014 → 25/08/2017
Project: PhD
PSM-solubilization of inorganic phosphorus in gasified waste products: molecular mechanisms and role of AMF in P transfer to plants
Efthymiou, A., Jakobsen, I., Grønlund, M. & Pilegaard, K.  
01/05/2014 → 31/12/2014  
Project: PhD

Biooxidation reactor and process design
01/04/2014 → 13/11/2017  
Project: PhD

New catalysts for hydrodeoxygenation of biomass pyrolysis oil
Dabros, T. M. H., Jensen, A. D., Gabrielsen, J., Grunwaldt, J., Høj, M., Christensen, J. M., Østberg, M. & Østberg, M.  
01/04/2014 → 18/04/2018  
Project: PhD

Advanced thermodynamic cycles utilising low-temperature heat sources
01/03/2014 → 28/02/2019  
Project

Enzyme-enhanced CO2 Absorption - rate-based modeling and pilot-scale validation
01/03/2014 → 25/08/2017  
Project: PhD

Biorefining of hemp seeds: Enzymatic assisted upgrading technology
Ale, M. T., Meyer, A. S. & Pinelo, M.  
17/02/2014 → 18/07/2014  
Project

Chemical Bioreaction Engineering methods for Plant Seed Upgrading: Literature review and introductory experimental work
Ale, M. T., Meyer, A. S. & Pinelo, M.  
06/01/2014 → 24/01/2014  
Project

Enhancement of dielectric permittivity by incorporating PDMS-PEG multiblock copolymers in silicone elastomers
A Razak, A. H., Skov, A. L. & Szabo, P.  
01/01/2014 → 30/11/2015  
Project

Modeling of Asphaltene systems with Association Models
Arya, A., Kontogeorgis, G., von Solms, N., Yan, W., Sørensen, H. & Vargas, F. M.  
01/01/2014 → 26/04/2017  
Project: PhD

Continuous crystallization and filtration in production of pharmaceuticals
Visan, A., Kiil, S. & Dam-Johansen, K.  
15/12/2013 → 07/02/2014  
Project: PhD

Developments in enzyme immobilization with downstream renewable energy applications
15/12/2013 → 25/08/2017  
Project: PhD
Fluid dynamics and reactions in high-temperature gas-solid Energy Processes
Ahli Gharamaleki, M., Dam-Johansen, K., Lin, W., Jensen, A. D., Jensen, B. H. & Song, W.
15/12/2013 → 22/05/2018
Project: PhD

Improved LCA Methodology and software tool for biorenewable products and processes
15/12/2013 → 25/01/2017
Project: PhD

Production of prebiotic oligosaccharides by biocatalysis
Binti Jamek, S., Meyer, A. S., Mikkelsen, J. D., Muschiol, J., Lange, L., Christensen, M. W. & Vaaje-Kolstad, G.
15/12/2013 → 13/11/2017
Project: PhD

A chemical approach to avoiding electromechanical instabilities in dielectric electroactive polymer films
01/12/2013 → 15/09/2017
Project: PhD

Design of hydrophilic polymers for activated non-fouling coatings
01/12/2013 → 15/03/2017
Project: PhD

Development of highly efficient solid oxide electrolyzer cell systems
Duhn, J. D., Jensen, A. D., Wedel, S., Wix, C., Jensen, S. H., Deutschmann, O. & Mortensen, P. M.
01/12/2013 → 30/09/2017
Project: PhD

Environmental and economical evaluation tools for novel bioprocesses
01/12/2013 → 26/04/2017
Project: PhD

HP/HT reservoir fluids with focus on scaling and thermo
Figueroa Murcia, D. C., Thomsen, K. & Fosbøl, P. L.
01/12/2013 → 24/09/2018
Project: PhD

Novel Strategies for Fermentation Control
01/12/2013 → 15/03/2017
Project: PhD

Predictive modeling of gas diffusion and solubility in polymers for offshore pipelines
01/12/2013 → 30/06/2017
Project: PhD

Investigation of Aspergillus niger aggregation behaviour and its relationship to industrial fermentation
Hagemann, T., Gernaey, K. V., Krühne, U. & Stocks, S. M.
15/11/2013 → 08/08/2018
Project: PhD
Structural characterization and enzymatic modification of soy polysaccharides
15/11/2013 → 25/08/2017
Project: PhD

Sustainable design of biorefinery systems for biorenewables
15/11/2013 → 25/08/2017
Project: PhD

Biomass gasification in circulating fluidized beds
Seerup, R., Dam-Johansen, K., Lin, W., Jappe Frandsen, F., Larsen, M. B. & Song, W.
01/11/2013 → 31/07/2017
Project: PhD

Linking strain morphology to rheology and mass transfer as a means to improve fermentation processes
01/11/2013 → 17/05/2017
Project: PhD

Development of 2nd Generation Biorefineries Production of Dicarboxylic Acids and Bio-based Polymers Derived Thereof
Förster, J., Borodina, I., Stovicek, V., Ögmundarson, Ö., Rasmussen, B. K., Lis, A. V. & Lohmann, R.
01/10/2013 → 30/09/2017
Project

Migration of bisphenol A from polycarbonate plastic (PC) of different qualities
Pedersen, G. A., Petersen, J. H. & Hvilsted, S.
01/10/2013 → 01/05/2015
Project

Experimental Implementation and model-based optimization for multi-enzyme processes
Abu, R., Woodley, J., Gernaey, K. V., Nordblad, M., Blazevic, Z. F. & Riva, S.
01/10/2013 → 15/03/2017
Project: PhD

Modeling and Synthesis of Pharmaceutical processes: Moving from Batch to Continuous Manufacturing
01/10/2013 → 16/11/2016
Project: PhD

Plantwide modelling and control for N2O emissions from WWTP
01/10/2013 → 14/12/2016
Project: PhD

Supramolecular Polymeric Rheology
Shabbir, A., Hassager, O., Skov, A. L., Daugaard, A. E., Creton, C. & Ianniruberto, G.
01/10/2013 → 14/12/2016
Project: PhD

Experimental evaluation of carbonic anhydrase as a biocatalyst for implementation in CO2 removal from flue gas
Deslauriers, M. G., Woodley, J., von Solms, N., Pinelo, M., Liese, A. & Wentzel, A.
15/09/2013 → 24/01/2018
Microcapsules as delivery vehicles
15/09/2013 → 15/03/2017
Project: PhD

Pretreatment of hemp fibers for utilization in strong biocomposite materials
Liu, M., Meyer, A. S., Thygesen, A., Østergård, H., Hotchkiss, Jr., A. T. & Tovborg, M.
15/09/2013 → 25/01/2017
Project: PhD

Automatic design of primers for miR-specific RT-qPCR
Busk, P. K.
02/09/2013 → ...
Project

Design, control and analysis of intensified biochemical processes
01/09/2013 → 16/11/2016
Project: PhD

Low Temperature Thermal Gasification of High-Alkali Bio Residues and Sludge
01/09/2013 → 26/04/2017
Project: PhD

Generic model-based tailor-made design and analysis of biphasic reacting systems
Anantpinijwatna, A., Gani, R., Woodley, J., Huusom, J. K., Grosjean, C. & Manenti, F.
01/08/2013 → 24/10/2016
Project: PhD

Modeling and Operation of Diesel Engine Exhaust Gas Cleaning Systems
01/08/2013 → 17/05/2017
Project: PhD

New Catalytic materials for combined particulate and NOx removal
01/07/2013 → 31/07/2018
Project: PhD

An experimental and theoretical study of CO2 hydrate formation systems
Tzirakis, F., Kontogeorgis, G., von Solms, N., Thomsen, K., Herri, J. & Lindeloff, N.
01/06/2013 → 21/06/2017
Project: PhD

Property Modelling and Process Design involving complex chemical systems
01/06/2013 → 18/08/2016
Project: PhD

Synthesis and design of Water/water networks
Handani, Z. B., Kontogeorgis, G., Dam-Johansen, K., Woodley, J., Georgiadis, M. C. & Mujtaba, I. M.
01/05/2013 → 31/12/2017
Project: PhD
**Development of New Diesel Oxidation and NH3 Slip Catalysts**
Hansen, T. K., Jensen, A. D., Hansen, B. B., Abildskov, J., Christensen, K. A. & Skoglundh, B. M.
01/04/2013 → 30/09/2017
Project: PhD

**Extensional Rheology of Model Polymers**
01/04/2013 → 16/06/2016
Project: PhD

**Characterization and production of protein isolates from oil-cold-pressed hemp seed meal**
Ale, M. T.
25/02/2013 → 12/07/2013
Project: PhD

**Mixing and oxygen transfer processes in bioreactors**
Nørregaard, A., Gernaey, K. V., van den Berg, F. W., Madsen, B., Stocks, S. M. & Woodley, J.
15/01/2013 → 30/06/2016
Project: PhD

**Synthesis and Evaluation of Structures Lipids based Polyurethanes for Sensors, Actuators and Generators through Monte Carlo Simulation**
15/01/2013 → 26/05/2016
Project: PhD

**Lignin processing within biorefining**
15/12/2012 → 24/04/2017
Project: PhD

**Mechanically invisible encapsulations**
15/12/2012 → 14/03/2016
Project: PhD

**Production of Prebiotic oligosaccharides by novel enzymatic catalysis**
Nordvang, R. T., Mikkelsen, J. D., Jers, C., Lange, L., Bornscheuer, U. & Derkx, P. M.
15/12/2012 → 26/05/2016
Project: PhD

**Exploring biochemical process performance limits through topology optimization**
01/12/2012 → 16/08/2016
Project: PhD

**Gas-Solid reactions and reactor systems**
01/12/2012 → 26/05/2016
Project: PhD

**Generic interface development and benchmarking of carbon dioxide reduction processes**
01/12/2012 → 20/09/2016
Project: PhD
High Temperature Process for Energy Conversion  
Nordby, M. W., Dam-Johansen, K. & Lin, W.  
01/12/2012 → 30/04/2017

Combined soil carbon sequestration and crop nutrient supply using thermal conversion technology residuals  
Hansen, V., Hauggaard-Nielsen, H. & Ahrenfeldt, J.  
15/11/2012 → 31/12/2014

Carbohydrate degradation products within biorefining  
01/11/2012 → 30/09/2016

Reactive Separation Technology: Biometric Enzyme Immobilization  
Marpani, F. B., Koutsouris, G., Dam-Johansen, K., Christensen, J. M., Jönsson, A. & Pedersen, L. H.  
01/11/2012 → 22/09/2018

Topology optimization in biocatalytic reactions using miniaturized reactors  
01/11/2012 → 20/04/2016

Enzymatic polishing and modification of lignin  
01/10/2012 → 18/04/2018

Mastering bioprocess Integration and Intensification across scales  
01/10/2012 → 02/12/2015

Novel clay/nanocellulose biocomposite films and coatings in the context of packaging applications  
01/10/2012 → 20/09/2016

Simultaneous fast pyrolysis and in situ hydrogenation of lignin to obtain a marine diesel fuel  
01/10/2012 → 14/03/2016

Enhancing micronutrient bioavailability via designed in situ enzyme catalysis  
15/09/2012 → 02/12/2015

Logistics for Energy Crops’ Biomass  
Østergård, H.  
01/09/2012 → 31/12/2015
Modeling of Salt Solubility/dissolution in waterflooding of Petroleum Reservoirs
Chakravarty, K. H., Thomsen, K., Fosbøl, P. L., von Solms, N., Tuxen, A. & Zahid, A.
01/09/2012 → 18/08/2016
Project: PhD

Modelling of Salinity Effects on Waterflooding of Petroleum Reservoirs
Alexeev, A., Shapiro, A., Thomsen, K., Nielsen, S. M., Berenblyum, R. & Mackay, E. J.
01/09/2012 → 26/05/2016
Project: PhD

Model of Stickiness in Spray Drying
Petersen, T., Hassager, O., Sloth, J., Ullum, T. U., Szabo, P., Roos, Y. H. & Schuck, P.
01/09/2012 → 27/01/2016
Project: PhD

Operation and Design of Diabatic distillation Processes
01/09/2012 → 16/08/2016
Project: PhD

Process intensification in biocatalytic reactions
01/09/2012 → 22/02/2016
Project: PhD

Valorization of Lignin from Biorefineries for Fuels and Chemicals
Nielsen, J. B., Jensen, A. D., Nielsen, J., Hansen, B. B., Nielsen, J., Taarning, E., Seshan, K. & Taarning, E.
01/09/2012 → 25/01/2017
Project: PhD

A soft and conductive PDMS-PEG block copolymer as a compliant electrode for the dielectric elastomer
A Razak, A. H., Skov, A. L. & Madsen, F. B.
01/08/2012 → 31/03/2016
Project

Monolithic structures and their influence on electromechanical breakdown phenomena
01/08/2012 → 03/06/2015
Project: PhD

Synthesis and development of novel coating components for exterior wood applications based on sustainable resources
01/08/2012 → 22/02/2016
Project: PhD

The MacroAlgaeBiorefinery 3G (MAB3) - sustainable production of 3G bioenergy carriers and high value aquatic fish feed from macroalgae
15/06/2012 → 18/08/2016
Project: PhD

Extraction of protein and amino acid from hemp seed meal
Ale, M. T., Meyer, A. S. & Pinelo, M.
01/06/2012 → 30/06/2014
Project
Thermodynamic modeling of CO2 hydrates
Bjørner, M. G., Kontogeorgis, G., von Solms, N., Gross, J. & Karakatsani, E.
01/06/2012 → 26/05/2016
Project: PhD

Integrated framework for synthesis and design of multi-product biorefinery networks
Cheali, P., Sin, G., Gernaey, K. V., Huusom, J. K., Mogensen, J. & Zondervan, E.
01/05/2012 → 01/07/2015
Project: PhD

Modelling and Simulation of Wastewater Treatment Plants
01/05/2012 → 01/07/2015
Project: PhD

Wood Coatings
Kontogeorgis, G.
01/05/2012 → 30/11/2016
Project

Single Biomass Particle Combustion and Fuel Characterization
01/04/2012 → 18/08/2016
Project: PhD

Systematic Methods and Tools for Computer Aided Modeling
Fedorova, M., Gani, R., Sin, G., Gernaey, K. V., Linninger, A. A. & Preisig, H. A.
01/04/2012 → 02/09/2015
Project: PhD

In-Optics Humidity Compensation of NDIR Measurements for Combustion Emission Gas Sensing and Analysis
Stolberg-Rohr, T. K., Clausen, S., Glarborg, P., Skov Hansen, R., Lindvold, L. R., Fabricius, H. & Li, Z.
15/02/2012 → 16/12/2015
Project: PhD

CHIGP Petrobras
Biede, A. L. & Kontogeorgis, G.
01/02/2012 → 31/12/2014
Project

Application of waste streams with high ash content in the cement industry
Begeh, D., Dam-Johansen, K., Jappe Frandsen, F. & Hjuler, K.
01/02/2012 → 30/04/2013
Project: PhD

Bioprocess engineering for the application of P450s
01/02/2012 → 02/12/2015
Project: PhD

CHIGP Petrobras
Kontogeorgis, G.
01/02/2012 → 31/12/2014
Project
CO2 Kompression
Fosbøl, P. L.
01/02/2012 → 31/12/2012
Project

Development of Non Destructive Methods
Fosbøl, P. L.
01/02/2012 → 31/03/2016
Project

Enhanced Oil Recovery with Application of Microorganisms
Halim, A. Y., Shapiro, A., Eliasson Lantz, A., Nielsen, S. M., Yan, W., Alkan, H. & Zahid, A.
01/02/2012 → 01/07/2015
Project: PhD

Modelling of phase equilibria and related properties of mixtures involving lipids
Cunico, L., Gani, R., Sarup, B., Kontogeorgis, G., Sales Cruz, A. M. & Jaubert, J.
01/02/2012 → 13/09/2015
Project: PhD

Computer aided framework for synthesis, design and retrofit of water networks in processing industries
16/12/2011 → 13/05/2015
Project: PhD

Novel Small Scale Biogas Concepts for Local Waste handling and Energy Production in Greenland
Heiske, S., Østergård, H., Jensen, P. E., Kiørboe, L. G. & Kroff, P.
15/12/2011 → 31/10/2013
Project: PhD

selective and efficient synthesis of ethanol from dimethyl ether and syngas
Rasmussen, D. B., Jensen, A. D., Christensen, J. M., Moses, P. G., Riisager, A., Rossmeisl, J., Studt, F., Temel, B.,
Jensen, P. A., Sehested, J. & Swang, O.
15/12/2011 → 30/09/2015
Project: PhD

Hot-Embossing on silicon elastomers
Vudayagiri, S.
01/12/2011 → ...
Project

Enhanced Oil Recovery with Application of Enzymes
Khusainova, A., Shapiro, A., Woodley, J., Yan, W., Ivar Andersen, S. & Skauge, A.
01/12/2011 → 26/05/2016
Project: PhD

Fuel Efficiency and Fouling Control Coatings in Maritime Transport
01/12/2011 → 30/09/2015
Project: PhD

Microalgae with increased synthesis or diminished breakdown of triacylglycerol for efficient biodiesel production
Favrholdt, C. E., Brandt, A. B., Gernaey, K. V., Gjermansen, C. & Woodley, J.
01/12/2011 → 30/11/2013
Project: PhD
On-line trace gas measurement technique for gasification
Grosch, H., Fateev, A., Clausen, S., Dama, A. J., Ebert, V. & Neubauer, Y.
01/12/2011 → 25/03/2015
Project: PhD

Optimizing the anaerobic digestion of manure
01/12/2011 → 01/07/2015
Project: PhD

Thermal conversation technologied for biomass and waste and their potential in the Chinese energy market
Kallestrup, K. B. & Dam-Johansen, K.
01/12/2011 → 11/08/2013
Project: PhD

CO2 Hydrates-Challenges and Possibilities
Kontogeorgis, G.
08/11/2011 → 30/06/2014
Project:

Lignin derived phenolics
Weiss, N. D., Meyer, A. S. & Sørensen, H. R.
01/11/2011 → 10/09/2012
Project: PhD

Otto Mønsted
von Solms, N.
01/10/2011 → 31/12/2012
Project

Process Technology for Oxidase-based Biocatalysis
Ramesh, H., Woodley, J., Krühne, U., Huusom, J. K., Archer, I. & Micheletti, M.
01/10/2011 → 26/11/2014
Project: PhD

Alternative Fuels in Cement Production
01/09/2011 → 17/12/2014
Project: PhD

Control of Enzymatic Biodiesel Production
01/09/2011 → 26/11/2014
Project: PhD

Phenomena based process intensification
01/09/2011 → 04/02/2015
Project: PhD

Power plant burners for biodust combustion
01/09/2011 → 20/04/2016
Project: PhD
Wind Turbine Blade Coatings with Anti-Erosion Properties
01/09/2011 → 26/11/2014
Project: PhD

Development of new materials for dielectric electroactive polymers as actuators and generators
Madsen, F. B., Skov, A. L., Daugaard, A. E., Hvilsted, S., Kiil, S., Brook, M. A. & Graz, I. M.
15/08/2011 → 26/11/2014
Project: PhD

Sustainability assessment of 2nd generation bioenergy production in Ghana
Kamp, A., Østergård, H., Pilegaard, K., Hauggaard-Nielsen, H. & Raugei, M.
15/08/2011 → 18/08/2016
Project: PhD

Thermodynamic modelling in oil-sea water mixtures
Liang, X., Kontogeorgis, G., Thomesen, K., Yan, W., von Solms, N., Lindeloff, N. & Sadowski, G.
15/08/2011 → 26/11/2014
Project: PhD

Design of continuous reactor systems for API production
Pedersen, M. J., Dam-Johansen, K., Kiil, S., Skovby, T., Gernaey, K. V., Kappe, O. & Petersen, H.
01/08/2011 → 17/12/2014
Project: PhD

Development of stimuli-responsive polymer network
01/08/2011 → 17/12/2014
Project: PhD

Inhibition of gas hydrate formation by ice-structuring proteins
Malmos Perfeldt, C., von Solms, N., Woodley, J., Thomsen, K., Li, X. & Svartås, T. M.
01/08/2011 → 10/11/2015
Project: PhD

Large Scale Processing of dielectric electro active polymers
01/08/2011 → 30/09/2014
Project: PhD

Mechanical characterization methods for dielectric electroactive polymers
01/08/2011 → 26/11/2014
Project: PhD

Optimizing control of the integrated urban wastewater system
01/08/2011 → 10/11/2015
Project: PhD

Systematic methodology for design of emulsion based chemical products
Mattei, M., Gani, R., Kontogeorgis, G., Gernaey, K. V., Kate, A. J. B. T. & Wiebe, L.
01/08/2011 → 30/09/2014
Project: PhD
Ash Chemistry in Circulating Fluidized Bed  
01/07/2011 → 24/06/2016  
Project: PhD

Deactivation of SCR catalysts in biomass fired power plants  
Olsen, B. K., Jensen, A. D., Castellino, F., Fehrmann, R., Christensen, K. A. & Engvall, K.  
15/06/2011 → 01/07/2015  
Project: PhD

Measurement and modelling of phase equilibrium of oil-water polar chemicals  
01/06/2011 → 11/03/2015  
Project: PhD

Functional Electrospun Nanostructures and Microstructures for Food and Bioengineering Applications  
Chronakis, I. S., Meyer, A. S., Qvortrup, K., Ye, L., Goycoolea, F., Nielsen, K. A., Jessen, F., Boutrup Stephansen, K., Jørgensen, L. & Mendes, A. C. L.  
01/05/2011 → 31/10/2015  
Project

Combustion Characterization of Bio-derived Fuels and Additives  
Hashemi, H., Glarborg, P., Christensen, J. M., Hansen, B. B., Alzueta, M. & Kristensen, P. G.  
01/05/2011 → 13/05/2015  
Project: PhD

Mathematical Modelling of vegetable oil crystallisation  
Hjorth, J. L., Kill, S., Dam-Johansen, K., Leth-Miller, R., Abildskov, J., Flötter, E. & Schafer, O.  
01/05/2011 → 27/08/2014  
Project: PhD

Symbiotic growth depressions in bioenergy and forage crops  
Clausen, S. S., Jakobsen, I., Grønlund, M. & Lenk, I.  
01/04/2011 → 31/12/2014  
Project: PhD

Novel greener and lean processes using integrated microfactories  
Krühne, U., Bodla, V. K. & Gernaey, K. V.  
01/03/2011 → 28/02/2014  
Project

CHIGP-GERG  
Kontogeorgis, G.  
01/03/2011 → 01/07/2014  
Project

Integrated microfactories for enzyme production  
Bodla, V. K., Gernaey, K. V., Krühne, U., Woodley, J., Nordblad, M., Baganz, F. & Bouwes, D.  
01/03/2011 → 11/03/2015  
Project: PhD

Multi-dimensional population balance models of crystallization processes  
01/03/2011 → 04/02/2015  
Project: PhD
Reson
Kontogeorgis, G.
01/03/2011 → 31/12/2014
Project

Diversity screening for novel enzymes degrading synthetic polymers
Lezyk, M. J., Mikkelsen, J. D., Badia, A. S., Kill, S., Eliasson Lantz, A., Derkx, P. M. & Visser, J. (.
01/02/2011 → 26/11/2014
Project: PhD

Ph.D. Advanced Course on Thermodynamic Models: Fundamentals & Computational Aspects
Kontogeorgis, G.
01/02/2011 → 30/11/2011
Project

Climate Change Effects to Plant Ecosystems
01/01/2011 → 24/09/2014
Project: PhD

Design and testing of robust and efficient fire-retardant coatings
Nørgaard, K. P., Kill, S., Dam-Johansen, K., Jappe Frandsen, F., Deters, D. C. & Giovanni, C.
01/01/2011 → 28/05/2014
Project: PhD

Development of the next generation biocatalysts for industrial production of chemicals (Bionexgen)
Törnvall, U.
01/01/2011 → 01/01/2013
Project

2nd Generation Bioenergy Production from Waste Resources in Ghana
01/12/2010 → 23/04/2014
Project: PhD

Gas Hydrate Inhibition with Ice-Structuring Proteins
von Solms, N.
01/12/2010 → 30/05/2014
Project

Large scale enzymatic production of bioactive fibers from potato pulp
Ravn, H. C., Meyer, A. S., Kiørboe, L. G., Sørensen, O. B., Mikkelsen, J. D., Hotchkiss, Jr., A. T. & Nielsen, P. M.
01/12/2010 → 17/12/2014
Project: PhD

Reactor and Process Design for Multi-enzymatic Synthesis
Xue, R., Woodley, J., Meyer, A. S. & Mikkelsen, J. D.
01/12/2010 → 01/11/2016
Project: PhD

Scale-up of biocatalytic cascade reactions for the synthesis of chiral amines
Janes, K., Gernaey, K. V., Tufvesson, P., Woodley, J., Krühne, U., Pedersen, L. H. & Vasic-Racki, D.
01/12/2010 → 24/09/2014
Project: PhD
Udbrænding af affald på rist
Jørgensen, J. H., Jensen, A. D., Hassing, H. & Jensen, P. A.
01/12/2010 → 30/01/2013
Project: PhD

Operational aspects of continuous pharmaceutical production
15/11/2010 → 02/07/2014
Project: PhD

A methodology for systematical design and selection of green solvents for increased yield in organic reactions
Mitrofanov, I., Gani, R., Abildskov, J. & Sin, G.
01/11/2010 → 31/03/2013
Project: PhD

Combined silage pretreatment and enzymatic hydrolysis of energy grasses for 2G bioethanol production
01/11/2010 → 28/09/2014
Project: PhD

Symbolic Communities, Increase of Biomass and Biodiesel Production
Baggesen, C., Gjermansen, C., Brandt, A. B., Pilegaard, K., Albers, E. & Møller, P.
01/11/2010 → 26/11/2014
Project: PhD

Udvikling af ny teknik til fosfor-indvinding fra aske fra forbrænding af spildevandsslam
Ottosen, L. M., Jensen, P. E., Kirkelund, G. M., Christensen, I. V. & Damø, A. J.
15/10/2010 → 15/10/2011
Project

Thermodynamic Modeling for CO2 Capture Systems
Arshad, M. W., Thomsen, K., von Solms, N., Kontogeorgis, G., Karlsson, H. T. & Knudsen, K.
15/09/2010 → 26/11/2014
Project: PhD

Nitrogen cycle assessments and greenhouse gas emission in low-input legume managements
Lachouani, P., Hauggaard-Nielsen, H., Ambus, P., Carter, M. S., Eriksen, J. & Jensen, E. S.
01/09/2010 → 11/12/2013
Project: PhD

Validation of Structures Model for Autotrophic Nitrogen Removal in High Strength Wastewater
01/09/2010 → 12/11/2013
Project: PhD

Catalytic Conversion of Bio-oil to Fuel for Transportation
15/08/2010 → 23/04/2014
Project: PhD

Catalytic Steam reforming of Bio-Oil to Hydrogen Rich Gas
15/08/2010 → 18/12/2013
Project: PhD
Enzymatic Production of Human Milk Oligosaccharides
Guo, Y., Mikkelsen, J. D., Willer, M., Pinelo, M., Rasmussen, S. K. & Schols, H.
15/08/2010 → 24/09/2014
Project: PhD

Substrate-based selection of enzymes
Dominiak, M. M., Mikkelsen, J. D., Sworm, G., Pinelo, M., Schols, H. & Ulvskov, P.
15/08/2010 → 23/04/2014
Project: PhD

Climate Change Mitigation by Plant mediated transfer and storage of carbon in aquifers
01/08/2010 → 11/12/2013
Project: PhD

Development of an Electrolyte CPA Equation of state for Applications in the Petroleum and Chemical Industries
Mørk-Møgensen, B., Kontogeorgis, G., Thomsen, K., von Solms, N., Anderko, A. & Hemptinne, J. D.
01/08/2010 → 02/07/2014
Project: PhD

PhD Project in Membrane Technology
Kulkarni, A., Meyer, A. S. & Pinelo, M.
01/08/2010 → 31/01/2012
Project: PhD

Tailor-made design of chemical products: Bio-fuels and other blended products
Yunus, N. A. B., Gani, R., Gernaey, K. V., Woodley, J., Sin, G., Harper, P. M. & Kate, A. J. B. T.
15/07/2010 → 07/05/2014
Project: PhD

Model Based Integrated Process-Product Design - retrofitting and optimisation
01/07/2010 → 30/09/2013
Project: PhD

Analysis and Quantification of Foaming Phenomena in Wet Flue Gas Desulphurization Plants
Qin, S., Kiil, S., Hansen, B. B., Jappe Frandsen, F., Fogh, F. & Karlsson, H. T.
01/06/2010 → 03/02/2014
Project: PhD

Incremental refinement of process design
Quaglia, A., Sin, G., Gani, R., Sarup, B., Jørgensen, J. B., Bode, A. & Pistikopoulos, E. N.
01/06/2010 → 30/09/2013
Project: PhD

Novel Analytical Technologies
Baum, A., Mikkelsen, J. D., Hansen, P. W., Gernaey, K. V., Berg, M. A. V. D. & van den Berg, F. W.
01/06/2010 → 30/09/2013
Project: PhD

Physiological responses of plants and ecosystems to climate change
Boesgaard, K. S., Ibrom, A., Ro-Poulsen, H., Pilegaard, K., Calfapietra, C. & Ottosen, C.
01/06/2010 → 30/09/2013
Project: PhD
Process Considerations for Asymmetric Synthesis of Chiral Amines using Omega-Transaminase
Lima Afonso Neto, W., Woodley, J., Tufvesson, P., Krühe, U., Adlercreutz, P. & Howard, R. M.
01/06/2010 → 11/12/2013
Project: PhD

Thermodynamic Modelling of Regenerative Fuel Cell Energy Storage Systems
Cuthbert, S. V. & Thomsen, K.
01/06/2010 → 30/09/2012
Project: PhD

CLEO Forskningsprojekt
Thomsen, K.
01/05/2010 → 31/12/2010
Project

BioSOFC - 3rd Generation Biomass Based Combined Heat and Power (CHP)
01/03/2010 → 01/03/2013
Project

Strategies for Organic and Low-input Integrated Breeding and Management
Østergård, H.
01/03/2010 → 01/09/2014
Project

Guiding biocatalytic process improvements using engineering evaluation tools
01/03/2010 → 24/06/2013
Project: PhD

Monitoring Continuous fermentation processes in microbioreactors
01/03/2010 → 14/03/2018
Project: PhD

New Polymer Architectures for Proton Conducting Fuel Cell Membranes
01/03/2010 → 21/05/2013
Project: PhD

Substrate-based selection of enzymes
Feng, T., Mikkelsen, J. D., Hobley, T. J., Berg, M. A. V. D. & Pedersen, L. H.
01/03/2010 → 22/10/2014
Project: PhD

Molecular Rheology of Complex Fluids
Huang, Q., Hassager, O., Rasmussen, H. K., Skov, A. L., Kontogeorgis, G., Ianniruberto, G. & Vlassopoulos, D.
01/02/2010 → 19/04/2013
Project: PhD

Thermodynamic and Process Modelling of Gas Hydrate Systems in CO2 Capture Processes
Herslund, P. J., von Solms, N., Abildskov, J., Thomsen, K., Kontogeorgis, G., Hendriks, E. M. & Peter, E.
01/02/2010 → 26/02/2014
Project: PhD
Catalytic Synthesis of Alcoholic Fuels for Transportation from Syngas
Wu, Q., Jensen, A. D., Grunwaldt, J., Temel, B., Riisager, A., Hinrichsen, K. & Østberg, M.
01/01/2010 → 19/03/2013
Project: PhD

CHIGP DONG
Kontogeorgis, G.
01/01/2010 → 31/03/2013
Project

Innovative CO2 Capture
don Solms, N.
01/01/2010 → 30/06/2014
Project

Measurements and Modeling of Thermodynamics of Organic Sulfur Species in Hydrocarbons and Pure Water
Awan, J.
01/01/2010 → 31/12/2012
Project

Model for deposition build-up in biomass boilers
01/01/2010 → 22/02/2016
Project: PhD

Pre-heater design in cement plant for high energy efficiency and low emissions
Maarup, C., Dam-Johansen, K., Clement, K., Hjuler, K., Kjærboe, L. G., Hustad, J. E. & Stoltze, S.
01/01/2010 → 26/02/2014
Project: PhD

Processes for Low CO2 Emissions
Pathi, S. K., Dam-Johansen, K., Hjuler, K., Illerup, J. B., Lin, W., Kiil, S., Jensen, L. S. & Murillo, R.
01/01/2010 → 18/12/2013
Project: PhD

Production, Refining and Utilization of Biomass for Energy Services
01/01/2010 → 26/02/2014
Project: PhD

Separation of Chiral Active Pharmaceutical Ingredients: A First Step Towards Continuous Preferential Crystallization in the Pharmaceutical Industry
Chaaban, J. H., Kiil, S., Dam-Johansen, K., Skovby, T., Gernaey, K. V., Christensen, T. V. & Kalman Nagy, Z.
01/01/2010 → 24/06/2013
Project: PhD

Systemic approach to sustainability assessment of food and bioenergy production in a societal context
Markussen, M. V., Østergård, H., Pilegaard, K., Bastianoni, S. & Rasmussen, K.
01/01/2010 → 30/09/2013
Project: PhD

Treatment of Lignin and Waste Residues by Flash Pyrolysis
Trinh, N. T., Dam-Johansen, K., Jensen, P. A., Jappe Frandsen, F., Jensen, L. S. & Spliethoff, H.
01/01/2010 → 30/09/2013
Project: PhD
Upgrading Fuel Properties of Biomass Fuel and Waste by Torrefaction
01/01/2010 → 24/06/2013
Project: PhD

Heterogeneously catalysed reactions in supercritical carbon dioxide as innovative and greensolvent
15/12/2009 → 28/01/2013
Project: PhD

SiLP enzyme catalysis technology for upgrading of biomass C5 monomers
15/12/2009 → 23/04/2014
Project: PhD

Long Term Climate Change Effects on Dynamics of Microorganisms and Carbon in the Root Zone
Reinsch, S., Ambus, P., Jakobsen, I., Pilegaard, K., Olsson, P. A. & Zechmeister-Boltenstern, S.
01/12/2009 → 19/03/2013
Project: PhD

Ecological modelling: Effects of Climatic Variability and extreme events on carbon cycling in terristrial ecosystem
Wu, J., Ibrom, A., Beier, C., van der Linden, L., Ambus, P., Bøgh, E. & Smith, B.
01/11/2009 → 01/03/2013
Project: PhD

Modelling controlled release of substrate and removal of products in biocatalysis
01/11/2009 → 21/05/2013
Project: PhD

Population balance models and computational fluid dynamics: a model framework to describe heterogeneity in fermentors
01/11/2009 → 19/03/2013
Project: PhD

Stochastic Modelling Polydisperse Transport of Particles in Porous Media
01/10/2009 → 17/12/2012
Project: PhD

Complex Phase Behavior and Modeling of Multicomponent Mixtures Containing CO2
Kontogeorgis, G.
01/09/2009 → 01/06/2012
Project

Nanoparticle synthesis using flame spray pyrolysis for catalysis
Høj, M., Jensen, A. D., Elmøe, T. D., Grunwaldt, J., Fehrmann, R., Christensen, K. A. & Schomäcker, R.
01/09/2009 → 28/01/2013
Project: PhD

ParPor - Particles in Pores. Stochastic Modeling of Polydisperse Transport
Shapiro, A.
01/09/2009 → 31/08/2012
Project
Process development: Enzymatic upgrading of pectin from sugar beet pulp
Ahmadi Gavlighi, H., Mikkelsen, J. D., Meyer, A. S., Chronakis, I. S., Bergenståhl, B. & Juul, A. G.
01/06/2009 → 04/09/2013
Project: PhD

Stimuli-Adaptable Materials
01/05/2009 → 21/05/2013
Project: PhD

Development and Analysis of Group-Contribution plus Models for Property Prediction of Organic Chemical Systems
01/04/2009 → 19/03/2013
Project: PhD

Optical Tomography in Combustion
01/04/2009 → 21/05/2013
Project: PhD

Thermodynamic Modelling of Acid Gases - Alkanolamine Systems
Sadegh, N., Thomsen, K., Stenby, E. H., Kontogeorgis, G., Knudsen, K. & Koch, O.
01/04/2009 → 21/05/2013
Project: PhD

Undersøgelse af effekten af alternative enzymproduktionsteknologier
Albæk, M. O., Gernaey, K. V., Hansen, M. S., Stocks, S. M., Villadsen, J., Grøn, S. & Lübbert, A.
01/04/2009 → 27/06/2012
Project: PhD

Evaluation of new process technology for lipase-catalyzed biodiesel production
Xu, Y., Woodley, J., Nordblad, M., Hobley, T. J., Basheer, S. & Hua, L.
01/03/2009 → 27/06/2012
Project: PhD

Discovery, Characterization and Design of a thermostable RGI Lyase for production of Bio-Functional Fibers
01/02/2009 → 18/12/2013
Project: PhD

Advanced Waterflooding in Low Permeable Carbonate Reservoirs
Zahid, A., Shapiro, A., Stenby, E. H., Yan, W., Thomsen, K., Christensen, H. F. & Spildo, K.
01/01/2009 → 27/06/2012
Project: PhD

Biomass and Coal Gasification in entrained-flow reactor
01/01/2009 → 01/03/2013
Project: PhD

Brændelæggekreative brændere til cement- og mineral industri
01/01/2009 → 17/12/2012
Project: PhD
Control of Process Operations and Monitoring of Product Qualities through Hybrid Multi-Scale Model-Based Analysis
01/01/2009 → 21/11/2012
Project: PhD

PhD Summer School
Shapiro, A.
01/01/2009 → 31/12/2015
Project

Polymer Dynamics in Microfluidic Devices
Hansen, R., Hassager, O., Bruus, H., Callisen, T. H., Gernaey, K. V., Anna, S. L. & Olmsted, P. D.
01/01/2009 → 18/04/2012
Project: PhD

Reactive Transport in Oil Recovery Processes
Jain, P., Shapiro, A., Stenby, E. H. & von Solms, N.
01/01/2009 → 31/05/2011
Project: PhD

Self-Healing anticorrosive coatings
Nesterova, T., Kill, S., Dam-Johansen, K., Pedersen, L. T., Daugaard, A. E., Rasmussen, S. N. & Zwaag, S. V. D.
01/01/2009 → 20/08/2012
Project: PhD

Smart Waterflooding in Carbonate Reservoirs
Zahid, A. & Thomsen, K.
01/01/2009 → 28/02/2012
Project

Soddanneelse i tårnkedler
Pedersen, K. H., Jensen, A. D., Dam-Johansen, K., Jappe Frandsen, F., Bech, N. & Hupa, M.
12/12/2008 → 12/12/2008
Project: PhD

CO₂ capture from flue gas using amino acid salt solutions
01/12/2008 → 21/11/2012
Project: PhD

Computer-aided modelling for efficient and innovative product-process engineering
Heitzig, M., Gani, R., Glarborg, P., Sin, G., Gernaey, K. V., Piccione, P. M. & Pistikopoulos, S.
01/12/2008 → 18/04/2012
Project: PhD

Green Chemistry based innovative process-operation synthesis and design
01/12/2008 → 18/04/2012
Project: PhD

Fundamental Understanding of Biomass Pelletization
15/11/2008 → 08/02/2012
Project: PhD
Multi-enzyme process modelling  
Andrade Santacoloma, P. D. G., Woodley, J., Gernaey, K. V., Sin, G., Jørgensen, S. B., Pedersen, S. & Vasic-Racki, D.  
01/11/2008 → 27/06/2012  
Project: PhD

Prediction of flow induced inhomogeneities in self compacting concrete  
01/11/2008 → 31/10/2012  
Project

Production and purification of prebotic oligosaccharides by chromatography and membrane systems  
01/11/2008 → 28/05/2014  
Project: PhD

Production and Utilisation of Hemicelluloses from Renewable Resources for Sustainable Advanced Products  
Sárossy, Z., Plackett, D., Egsgaard, H., Ndoni, S., Edlund, U. & Sanadi, A. R.  
15/09/2008 → 18/04/2012  
Project: PhD

Characterization and quantification of deposits build up and removal in straw suspension fired boilers  
Shafique Bashir, M., Dam-Johansen, K., Jappe Frandsen, F., Jensen, P. A., Wedel, S., Glarborg, P., Jensen, J. P. & Tran, H.  
01/09/2008 → 30/09/2012  
Project: PhD

Multiphase flows in porous media  
Zhang, X., Shapiro, A., Stenby, E. H., Yan, W. & Øbro, H.  
01/09/2008 → 14/12/2011  
Project: PhD

Optimization of Tailor-made Chemicals from Renewable and non-renewable sources  
Swangkotchakorn, C., Gani, R., Grunwaldt, J. & Woodley, J.  
01/09/2008 → 01/02/2010  
Project: PhD

Enzymatic Production of Gut-functional Polysaccharides  
Abang Zaidel, D. N. B., Meyer, A. S., Mikkelsen, J. D., Bergenståhl, B. & Duus, J. Ø.  
01/08/2008 → 27/06/2012  
Project: PhD

Moving from batch towards continuous organic-chemical pharmaceutical production  
01/08/2008 → 08/02/2012  
Project: PhD

Systematic Modelling, Simulation and Design of Intensified Bio-Chemical Processes  
Roman Martinez, A., Gani, R., Woodley, J., Gernaey, K. V., Sales Cruz, A. M. & Wiebe, L.  
01/08/2008 → 29/11/2011  
Project: PhD

Polymer Design and Processing for Liquid Core Waveguides  
Sagar, K. S., Hassager, O., Christiansen, M. B., Ndoni, S., Jankova Atanasova, K., Geschke, O. & Grützner, G.  
15/07/2008 → 08/02/2012  
Project: PhD
Optimal Waste Slag handling: Minimizing heavy metal leaching and deposit corrosion
Bøjer, M., Dam-Johansen, K. & Jensen, P. A.
01/06/2008 → 31/12/2008
Project: PhD

Computer Modelling of Lipid Processing Technology
01/05/2008 → 29/11/2011
Project: PhD

Enhanced Oil Recovery with Surfactant Flooding
Sanderson, S. B., von Solms, N., Stenby, E. H., Yan, W., Skauge, A. & Sparsø, F. V.
01/05/2008 → 27/06/2012
Project: PhD

Enzymatic Upgrading of Plant Biomass
01/05/2008 → 30/09/2013
Project: PhD

Mercury Chemistry in Flue Gas
Madsen, K., Jensen, A. D., Jappe Frandsen, F., Jensen, J. R., Wedel, S., Jensen, J. P. & Senior, C. L.
01/05/2008 → 18/04/2012
Project: PhD

Valu- added Chemicals from Biomass by Heterogeneons Catalysis
Voss, B., Woodley, J., Grunwaldt, J., Schjødt, N. C., Jensen, A. D., Jakobsson, N. & Patience, G. S.
01/05/2008 → 21/09/2011
Project: PhD

Distribution of Complex Chemicals in Oil-Water Systems
Riaz, M., Kontogeorgis, G., Stenby, E. H., Yan, W., von Solms, N., Hemptinne, J. D. & Knudsen, K.
01/04/2008 → 08/02/2012
Project: PhD

Enzymatic Production of Dietary Fibres and Prebiotics from Potato Pulp
01/04/2008 → 24/08/2011
Project: PhD

Mercury removal from cement plant by sorbent injection upstream of pulse jet fabric filter
01/04/2008 → 14/12/2011
Project: PhD

Rotérovndesign til maksimal brug af alternative brændsler i cement- og mineralindustri
01/04/2008 → 08/02/2012
Project: PhD

Membrane Assisted Enzyme Fractionation
15/03/2008 → 08/02/2012
Project: PhD
Biofuels from Nuisance Marine Algae
Ale, M. T., Meyer, A. S., Jacobssen, C., Saake, B. & Troelsen, J. T.
01/03/2008 → 18/04/2012
Project: PhD

Clinker Burning Kinetics and Mechanisms
01/03/2008 → 24/05/2012
Project: PhD

Discovery of new thermophilic enzymes for production of dietary fibres and prebiotics from plant material resioves
01/03/2008 → 30/09/2014
Project: PhD

reactor and process design for chem.-enzymatic synthesis of FDA
Fu, W., Woodley, J., Riisager, A., Gernaey, K. V., Lye, G. J. & Wiebe, L.
01/03/2008 → 18/04/2012
Project: PhD

Catalytic reactions in Supercritical Fluids
Beier, M. J., Jensen, A. D., Grunwaldt, J., Kontogeorgis, G., Riisager, A., Herbst, K. & Muhler, M.
15/02/2008 → 13/04/2011
Project: PhD

CO2 Capture with Aqueous Ammonia
01/02/2008 → 14/12/2011
Project: PhD

Integrated modelling for simulation and design of novel enzymatic processes
Sin, G.
01/02/2008 → 31/07/2010
Project

Nanosopic Polymer Membranes
Li, L., Jonsson, G. E., Clausen, L. D., Ndoni, S., Almdal, K., Hansen, T. & Ulbricht, M.
01/02/2008 → 24/08/2011
Project: PhD

Thermodynamic Properties and Phase Equilibria from Fluctuation Solution Theory
Ellegaard, M. D., Abildskov, J., Kontogeorgis, G., Crafts, P. & Sadowski, G.
01/02/2008 → 15/06/2011
Project: PhD

Enzymatic Production of Prebiotics from Sugar Beet Pectin
15/11/2007 → 24/08/2011
Project: PhD

Co-Combustion of Fossil Fuels and Waste
Wu, H., Glarborg, P., Dam-Johansen, K., Jappe Frandsen, F., Leckner, B., Hupa, M. & Hustad, J. E.
01/11/2007 → 21/09/2011
Project: PhD
Mathematical Modelling of Solid Oxide Fuel Cells
01/11/2007 → 13/04/2011
Project: PhD

Molecular Modelling of Protein Systems
01/11/2007 → 13/04/2011
Project: PhD

Modeling and Experimental Investigation of Entrained-Flow Gasification of Biomass and Fossil Fuels
01/10/2007 → 11/05/2011
Project: PhD

Ethanol Production from Rapeseed Straw and Agricultural Residues
Arvaniti, E., Schmidt, J. E., SLET - Kádárd, Z., Meyer, A. S., Girio, F. M. F. & Norddahl, B.
15/09/2007 → 18/04/2012
Project: PhD

Katalytisk syntese af langkædedede alkoholder fra syntesegas fremstillet ved forgasning af kul og biomasse
15/09/2007 → 13/04/2011
Project: PhD

Gold Nanoparticles for Bladder Cancer Treatment
Javakhishvili, I., Hvlsted, S., Szabo, P., Galli, G. & Jonsson, E. E. M.
01/09/2007 → 24/11/2010
Project: PhD

Optimized Production of cement
Rasmussen, M. H., Dam-Johansen, K., Illerup, J. B., Pedersen, K. H., Wedel, S., Jappe Frandsen, F., Jensen, L. S. & Yrjas, P. K.
01/09/2007 → 29/11/2011
Project: PhD

Extension of Association Models to Complex Chemicals
01/08/2007 → 09/02/2011
Project: PhD

15/07/2007 → 29/09/2010
Project: PhD

Continuous Membrane Microbioreactors for Development of Integrated Pectin Modification and Separation Processes
01/07/2007 → 09/02/2011
Project: PhD

Flash Pyrolysis of Energy Crops
01/07/2007 → 21/11/2012
Integration of Modelling, Design and Control for Efficient Operation of chemical Processes
01/07/2007 → 13/04/2011
Project: PhD

Migration of Plasticizers from PVC and Other Polymers
Lundsgaard, R., Kontogeorgis, G., Aunskjær, U., Nielsen, B., Hassager, O., Mavrantzas, V. G. & Wiebe, L.
01/07/2007 → 09/02/2011
Project: PhD

Modelling and Optimization of Integrated Bioreactor And Membrane Separation Processes
01/06/2007 → 24/11/2010
Project: PhD

The Cloning and Expression of Lignocellulose Degrading Enzymes in Thermophilic Bacteria
Sitarz, A. K., Meyer, A. S., Mikkelsen, J. D., Jensen, A. D., Christensen, M. W. & Graff, L. H. D.
01/05/2007 → 19/04/2013
Project: PhD

Lignocellulose Pretreatment for Lignin Removal and Maximal Enzymatic (Ligno) Cellulose Degradation
01/04/2007 → 01/09/2010
Project: PhD

Oxy-fuel forbrænding af kul og biomasse
01/04/2007 → 24/08/2011
Project: PhD

Process-Product Synthesis, Design and Analysis through the Group-Contribution Approach
01/04/2007 → 01/09/2010
Project: PhD

Component-based Reactor Model of a Distillate Hydrotreater
Boesen, R. R., von Solms, N., Knudsen, K., Michelsen, M. L., Jensen, A. D., Christensen, K. A. & Reimert, R.
15/03/2007 → 13/04/2011
Project: PhD

Enzymatic Opening of Diferulate Cross-Links in Plant Cell Walls
15/03/2007 → 15/06/2011
Project: PhD

Development of Quantitative Kinetic Models Describing Enzyme Catalyzed Heteropolysaccaride Degradation: Soluble Arabinoxylan
Xu, C. & Meyer, A. S.
01/03/2007 → 31/07/2010
Project: PhD

Kinetic Inhibition of Natural Gas Hydrates
Jensen, L., von Solms, N., Thomsen, K., Michelsen, M. L., Herri, J. & Li, X.
01/03/2007 → 24/11/2010
Polymers for Insulin Reservoirs and Delivery Systems
01/03/2007 → 13/04/2011
Project: PhD

Design of CO2 Capture Units using Aqueous Alkanolamines
Faramarzi, L., Kontogeorgis, G., Stenby, E. H., Thomsen, K., Shapiro, A., Behrens, P. K. & van Well, W. J. M.
15/02/2007 → 01/09/2010
Project: PhD

Development of Quantitative Kinetic Models Describing Enzyme Catalysed Heteropolysaccharide Degradation: Insoluble Arabinoxylans
Rasmussen, L. E., Meyer, A. S., Sørensen, J. F., Mikkelsen, J. D., Pettersson, D. R. & Tenkanen, M.
01/02/2007 → 15/06/2011
Project: PhD

High-Performance Anticorrosive Coatings
Sørensen, P. A., Kiil, S., Dam-Johansen, K., Erik Weinell, C., Jappe Frandsen, F., Gelling, V. J. & Sørensen, O. B.
01/02/2007 → 04/06/2010
Project: PhD

Multiphase Equilibrium in Systems with Production Chemicals
Fonseca, J., von Solms, N., Kontogeorgis, G., Richon, D. & Solbraa, E.
15/01/2007 → 30/09/2010
Project: PhD

Biopolymer nanocomposite films and food packaging
Petersen, J. H., Plackett, D. & Larsen, E. H.
01/01/2007 → 01/06/2011
Project

Evaluation of Prebiotic potential of novel carbohydrate preparations
01/01/2007 → 01/01/2013
Project

Mechanisms of Enzymatic Inactivation in the Animal Feed Pelleting Process
Puder, K., Jensen, A. D., Jørgensen, C. I., Simonsen, O., Woodley, J., Hansen, T. T. & Lee, G.
01/01/2007 → 17/06/2010
Project: PhD

Renewable energy in the transport sector using biofuels as energy carriers
01/01/2007 → 31/12/2010
Project

Teaching, Studying and Learning: Undersøgelse af effekter og konsekvenser af intensiv og aktiverende undervisning
Christensen, H. P., Vigild, M. E., Horsewell, A., Thomsen, E. V. & Szabo, P.
01/01/2007 → 31/03/2009
Project

Workpackage 2 in Prebiotic Center: Gut microbiota and immune Response Effects
Nano-Scale Materials from Block Copolymers
Guo, F., Hassager, O., Jankova Atanasova, K., Ndoni, S., Hvilsted, S., Mortensen, K. & Tenhu, H. J.
15/11/2006 → 01/09/2010
Project: PhD

Physics of Adhesion
15/11/2006 → 17/03/2010
Project: PhD

Characterization of the Microfibrillar Structure of High Performance Polymer Materials
01/10/2006 → 10/02/2010
Project: PhD

Data-driven Modelling for Monitoring and Control of Streptomyces Cultivations
Petersen, N., Gernaey, K. V., Eliasson Lantz, A., Stocks, S. M., van den Berg, F. W., Glassey, J. & Haack, M. B.
01/10/2006 → 30/09/2010
Project: PhD

Co2 Injection in Low Permeable Oil and Gas Reservoir
Niu, B., Shapiro, A., Stenby, E. H., Yan, W., von Solms, N. & Skauge, A.
15/09/2006 → 21/12/2010
Project: PhD

Avanceret Reservoir Simulering
Nielsen, S. M., Shapiro, A., Michelsen, M. L., Stenby, E. H., Mosegaard, K., Aavatsmark, I. & Jørgensen, M.
01/09/2006 → 24/11/2010
Project: PhD

Model-Based Computer Aided Framework for Design of Process Monitoring and Analysis Systems
Project: PhD

Tilstopning af katalysatormonolitter i støvbelastede gasstrømme
Heiredal, M. L., Jensen, A. D., Jappe Frandsen, F., Jensen, J. R., Wedel, S., Jensen, J. P. & Mädler, L.
01/09/2006 → 17/06/2010
Project: PhD

Molecular Design using Grid Technology
01/06/2006 → 23/09/2009
Project: PhD

Continuous Culture Microbioreactors
01/05/2006 → 29/09/2010
Project: PhD

NO Formation and destruction in the freeboard of Grate Boilers: CFD Model Development and Verification by Bench Scale Measurements
In-Situ undersøgelaer af forbrændingsprocesser i store to-takts dieselmotorer
01/03/2006 → 17/03/2010
Project: PhD

Micro-sensor based on Click Chemistry
Daugaard, A. E., Hvilsted, S., Woodley, J., Binder, W. H. & Hult, A.
01/03/2006 → 27/05/2009
Project: PhD

Computer-Aided Multiscale Modelling for Chemical Product-Process Design
Morales Rodriguez, R., Gani, R., Gernaey, K. V., Cisneros, E. S. P. & Harper, P. M.
01/02/2006 → 26/08/2009
Project: PhD

Model-Based Retrofit Design and Analysis of Petrochemical Processes
Rashed, J. E. A., Gani, R., Clement, K., Eden, M. R. & Kraslawski, A.
01/01/2006 → 04/11/2009
Project: PhD

Raman spectroscopy by use of UltraViolet Radiation : A new useful way to avoid fluorescence
Søtofte, I.
01/01/2006 → 01/01/2009
Project

New Plastics and Processes for Disposable Delivery Systems
15/12/2005 → 24/06/2009
Project: PhD

Application of Force Field Enhanced Filtration to the Recovery of Biological Products
Enevoldsen, A. D., Jonsson, G. E., Jacobsen, T. & Kristensen, S.
01/12/2005 → 14/12/2007
Project: PhD

Controlled Release of Environmentally Friendly Antifouling Agents from Marine Coatings
Olsen, S. M., Kiil, S., Dam-Johansen, K., Pedersen, L. T., Woodley, J., Swain, G. W. & Erik Weinell, C.
01/11/2005 → 01/04/2009
Project: PhD

Development of Group Contribuition plus Models for Properties of Organic Chemical Systems
Gonzalez Villalba, H. E., Gani, R., Abildskov, J., Kontogeorgis, G., Cisneros, E. S. P. & Schiller, M.
01/10/2005 → 26/08/2009
Project: PhD

Molecular Design using GRID Technology
Abildskov, J.
01/10/2005 → 30/09/2008
Project

Pre-Treatment (and Enzymatic Hydrolysis) of Ligno-Cellulose
Module Design and Performance in Microfiltration, Ultrafiltration and Membrane Contactors
Beier, S., Jonsson, G. E., Woodley, J., Aimar, P. & Kristensen, S.
01/09/2005 → 19/12/2008
Project: PhD

Process for Recovering and Enzymatically Modifying Immuno-Modulating Lipoteichoic Acid from Industrial Bacillus Fermentations
Hua, L., Meyer, A. S., Villadsen, J. & Wumpelmann, M.
01/09/2005 → 28/02/2007
Project: PhD

Upscaling of Particulate Processes in Fluidised Beds
01/09/2005 → 30/01/2009
Project: PhD

Molecular Modelling of Polymer Melt Rheology
Wang, Y., Hassager, O., Hansen, F. Y., Peters, G. H., Shapiro, A., Vlassopoulos, D. & de Pablo, J. J.
15/08/2005 → 29/04/2009
Project: PhD

Particle Formation in Natural Gas Combustion
Wagner, A. Y., Glarborg, P., Kristensen, P. G., Livbjerg, H., Jappe Frandsen, F., Bohgard, M. & Skjøth-Rasmussen, M. S.
15/08/2005 → 01/04/2009
Project: PhD

Center for Individual Nanoparticle Functionality
Chorkendorff, I., Nielsen, J. H., Quaade, U., Schiøtz, J. & Hansen, O.
01/08/2005 → 31/07/2010
Project

Computer-Aided Product Design using the PC-SAFT Equation of State
Tihic, A., Kontogeorgis, G., Michelsen, M. L., von Solms, N., Thomsen, K., Dahl, S. & Hemptinne, J. D.
01/06/2005 → 25/09/2008
Project: PhD

Stabilisering af Polyethylenglycol i Arkæologisk Træ
01/06/2005 → 01/04/2009
Project: PhD

Development of Derivatized Hyaluronic Acid and Formulation of Nanocapsules for Delivery of Cosmetic Actives and Pharmaceutical Drugs
15/05/2005 → 03/11/2008
Project: PhD

Fremstilling af Asymmetriske Membraner ved Deponering af Nano-Partikler
Elmoe, T. D., Grunwaldt, J., Dam-Johansen, K., Pratsinis, S. E., Jonsson, G. E., Clausen, B. S. & Mädler, L.
01/03/2005 → 29/08/2008
Project: PhD
Gypsum Crystallisation and Foaming Prevention in Wet Flue Gas Desulphurization (FGD) Plants
Hansen, B. B., Kill, S., Johnsson, J. E., Wedel, S., Karlsson, H. T. & Kristensen, N.
01/03/2005 → 27/10/2008
Project: PhD

Design of Fibre Surfaces used in Composites
01/02/2005 → 25/09/2008
Project: PhD

Model Identification for Predictive Control and Optimization
Huusom, J. K., Jørgensen, S. B., Poulsen, N. K., Jørgensen, J. B., Andersen, H. W. & Bombois, X.
01/02/2005 → 24/11/2008
Project: PhD

Nano-Porous Materials from Self-Organizing Soft Matter
01/02/2005 → 01/07/2009
Project: PhD

Prediction of Wine Quality from Phenolic Profiles of Grapes, forkortet "Wine Quality"
01/02/2005 → 04/07/2008
Project: PhD

Design of functional nanomaterials
01/01/2005 → 31/12/2008
Project

Heterogeneous catalysis for chemical production
Nørskov, J. K., Horch, S., Christensen, C. H., Johannessen, T. & Jonsson, H.
01/01/2005 → 31/12/2009
Project

New electrode materials for hydrogen production
Chorkendorff, I.
01/01/2005 → 31/12/2007
Project

Deactivation of SCR Catlysts by Additives
Castellino, F., Jensen, A. D., Fehrmann, R., Johnsson, J. E., Grunwaldt, J., Pedersen, H. G. & Sander, B.
01/12/2004 → 19/12/2008
Project: PhD

Reactivity and Burnout of Wood Fuels
01/12/2004 → 14/12/2011
Project: PhD

CHIGP BP
Kontogeorgis, G.
05/11/2004 → 31/12/2013
Project
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Authors</th>
<th>Start Date → End Date</th>
<th>Project:</th>
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<tr>
<td>Avanceret Reservoirsimulering</td>
<td>Kristensen, M. R., Stenby, E. H., Michelsen, M. L., Thomsen, P. G., Shapiro, A., Aavatsmark, I. &amp; Saaf, F.</td>
<td>15/08/2004 → 16/05/2008</td>
<td>PhD</td>
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<tr>
<td>Physical Properties of Complex Chemical Systems</td>
<td>Christensen, S., Abildskov, J., Møller, K. B., Martin, M. G. &amp; Schiller, M.</td>
<td>01/08/2004 → 29/08/2008</td>
<td>PhD</td>
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<tr>
<td>Samtidig måling af lydhastighed og elektrisk ledningsevne af sediment som funktion af spændingstilstand og væskemængning</td>
<td>Olsen, C., Fabricius, I. L. &amp; Stenby, E.</td>
<td>01/08/2004 → 01/06/2005</td>
<td>Project</td>
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<tr>
<td>Design af Emulsioner</td>
<td>Egholm, R. D., Szabo, P., Rasmussen, H. K., Harlen, O. G. &amp; Trägårdh, C.</td>
<td>01/07/2004 → 16/05/2008</td>
<td>PhD</td>
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Udvikling af integrerede DMFC & PEM brændselscelle enheder : (PSO-projekt)
Johannessen, T. & Chorkendorff, I.
01/06/2004 → 01/06/2007
Project

Post-translational Modifications of Proteins: Novel in Vitro Methods for their Study and Scale-up
01/04/2004 → 25/06/2007
Project: PhD

Recycling of Alkali in bio fly ash
Thomsen, K.
01/04/2004 → 31/12/2005
Project

Development of Berry Fruit Juices with Improved Health Potential
Arnous, A., Meyer, A. S., Mikkelsen, J. D., Dietrich, H. & van den Brink, H.
15/03/2004 → 25/11/2009
Project: PhD

Måling af fysisk-kemiske egenskaber for kalcium-natrium iminodisulphonat trihydrat - Ca-Na[N(SO3)2]∙3H2O
Thomsen, K.
01/03/2004 → 31/05/2004
Project

Partial Oxidation of Natural Gas to Liquid Fuels
Rasmussen, C. L., Glarborg, P., Villadsen, J., Alzueta, M. & Østberg, M.
15/02/2004 → 26/10/2007
Project: PhD

Conflict-based Method for Economical, Substainable, Safe and Environmentally Clean Process (Retrofit)Design and Operation
Davidescu, F. P., Jørgensen, S. B., Madsen, H., Gernaey, K. V., Kristensen, N. R. & Marquardt, W.
01/02/2004 → 25/09/2008
Project: PhD

Corrosion in Wet Gas Pipelines
Fosbøl, P. L., Thomsen, K., Stenby, E. H., Mollerup, J., Dugstad, A. & Rislund, E.
01/02/2004 → 25/03/2008
Project: PhD

Emission fra cement produktion
01/02/2004 → 30/04/2007
Project: PhD

Rheology, Structural Studies and Synthesis
Nielsen, J. K., Hassager, O., Almdal, K., Mortensen, K., Bruus, H., Bailly, C. & Vlassopoulos, D.
01/02/2004 → 29/08/2007
Project: PhD

Development of New Synthetic Membranes for Use in Micro Glucose Sensors
Hansen, N. M. L., Hvilsted, S., Gerstenberg, M. C., Jonsson, G. E., Galli, G. & Jannasch, P.
01/01/2004 → 03/09/2007
Project: PhD
Kompositter somlavfrikstions materialer
01/01/2004 → 20/06/2007
Project: PhD

CO2 Capture from Coal Fired Power Plants
01/11/2003 → 16/02/2007
Project: PhD

Modelling of Complex Mixtures Containing Hydrogen Bonding Molecules using CPA EOS
01/11/2003 → 22/01/2007
Project: PhD

Forbrændingsmekanismer ved udnyttelse af affald som brændsel i cementproduktion
01/10/2003 → 30/04/2007
Project: PhD

Laboratorieundersøgelse af aerosoldannelse og kemiske reaktioner i røggas fra biomasse- og affaldsforbrænding
Zeuthen, F. J., Livbjerg, H., Jappe Frandsen, F., Glarborg, P., Johnsson, J. E., Ballester, J. & Pedersen, L. S.
01/10/2003 → 20/06/2007
Project: PhD

Chemistry and Computational Fluid Dynamics
Christensen, M. S., Dam-Johansen, K. & Jensen, A. D.
01/09/2003 → 01/04/2004
Project: PhD

Development of an Equation of State to Solutions Containing Electrolytes
Lin, Y., Thomsen, K., Mollerup, J., Fürst, W. & Jensen, J. P.
01/09/2003 → 03/09/2007
Project: PhD

Fotodimerisering i peptider til optisk lagring
01/09/2003 → 30/04/2007
Project: PhD

Gas-phase Sulfur, Chlorine and Alkali Metal Chemistry in Biomass Combustion
Løj, L. H., Glarborg, P., Jappe Frandsen, F., Livbjerg, H., Jensen, P. A., Hupa, M. & Kristensen, P. G.
01/09/2003 → 03/09/2007
Project: PhD

Modelling for Monitoring, Control and Optimization of Fed-Batch
Rasmussen, J. K., Jørgensen, S. B., Jørgensen, H. S., Madsen, H., Gernaey, K. V., Lei, F. & Lübbert, A.
01/09/2003 → 02/06/2008
Project: PhD

Stability of Enzymes in Granular Enzyme Products for Laundry Detergents
Biran, S., Jensen, A. D., Bach, P., Kiil, S., Simonsen, O., Mikkelsen, J. D., Cedervall, T. & Hansen, T. T.
01/09/2003 → 01/09/2010
Project: PhD
CHIGP Statoil
Kontogeorgis, G.
03/07/2003 → 31/12/2014
Project

Enzymatisk Hydrolyse af Lignocellulose fra Byg, Strå og Skaller
Rosgaard, L., Meyer, A. S., Pedersen, S., Villadsen, J., Nielsen, C. & Tjerneld, F.
01/07/2003 → 28/09/2007
Project: PhD

Nanomaterialer til hydro-/dehydrogeneringsreaktioner
01/07/2003 → 12/12/2008
Project: PhD

Experimental Studies and Modeling of Asphaltene Precipitation Caused by Gas Injection
01/05/2003 → 01/09/2006
Project: PhD

Alloy Catalyst for Direct Methanol Fuel Cells
Chakraborty , D., Johannessen, T., Chorkendorff, I., Livbjerg, H., Jørgensen, S. B., Skou, E. M. & Yde-Andersen, S.
01/04/2003 → 15/09/2006
Project: PhD

Aktivering af Metan ved Partiel Oxidation i Katalytisk Membranreaktor
Johansen, J., Johannessen, T., Livbjerg, H., Jonsson, G. E., Nielsen, M. B. & Pratsinis, S. E.
01/02/2003 → 28/08/2006
Project: PhD

Computer Aided Modelling for Bio- and Chemical, Process/Product Design
Sales Cruz, A. M., Gani, R., Cisneros, E. S. P., Clement, K. & Georgiadis, M. C.
01/12/2002 → 30/05/2006
Project: PhD

Phase Behaviour and Viscosity Modelling of Refrigerants-Lubricants Mixtures
Monsalvo, M. A., Shapiro, A., Thomsen, K., Mollerup, J., Knudsen, K. & Montel, F.
01/11/2002 → 30/03/2006
Project: PhD

Fremstilling og Karakterisering af nye Metalhydrid til Lagring af Brint
01/10/2002 → 07/03/2006
Project: PhD

Modelling of Mineral Scale Deposition
Villafafila Garcia, A., Thomsen, K., Stenby, E. H., Jensen, J. P. & Kleinitz, W.
01/10/2002 → 22/12/2005
Project: PhD

Integrated Process/Product Synthesis and Design Through a Reverse Modelling Approach
d'Anterroches, L., Gani, R., Villadsen, J., Kraslowski, A. & Pistikopoulos, S.
01/09/2002 → 07/03/2006
Project: PhD
Modeling, Design, Operability and Analysis of Reaction-Separation Systems
Ramirez Jimenez, E., Gani, R., Jørgensen, S. B., Górak, A. & Perregaard, J.
01/09/2002 → 07/03/2006
Project: PhD

Syntese og reformering af metanol
Andersen, M., Chorkendorff, I., Dahl, S., Horch, S., Nerlov, J. & Rupprechter, G.
01/09/2002 → 24/01/2006
Project: PhD

Modelling of Pesticide Properties in Polymers and Pesticide Uptake in Plants Leaves
Muro Sunè, N., Gani, R., Abildskov, J., Harper, P. M. & Heming, A. M.
01/08/2002 → 07/03/2006
Project: PhD

Study of Alloy Catalysts for Production of Hydrogen
Boisen, A., Chorkendorff, I., Horch, S., Muhler, M. & Skoglundh, B. M.
01/06/2002 → 22/09/2006
Project: PhD

Efficient and environmentally friendly antifouling paints
01/05/2002 → 30/09/2005
Project: PhD

Chemistry of Degradation of Cross-Linked Polymer
Mitra, S., Hvilsted, S., Almdal, K., Lyngaae-Jørgensen, J., Gedde, U. W. & Jamiwsow, B.
01/04/2002 → 15/07/2005
Project: PhD

Towards a Hydrogen-based Society
Chorkendorff, I., Besenbacher, F., Hammer, B., Pedersen, A. S., Andersen, S. Y. & Clausen, B. S.
05/03/2002 → 31/12/2006
Project

Modelling, Simulation and Optimization of Anaerobic Biogas Processes
Velusami, B. & Gani, R.
01/03/2002 → 30/04/2002
Project: PhD

Kemisk Produktudvikling - Formulering og karakterisering af enzymgranulater
15/02/2002 → 07/11/2005
Project: PhD

Oxidationsbeskyttelse af fiskeolieholdige produkter
01/01/2002 → 18/05/2007
Project: PhD

Release of inorganic metal species, sulfur and chlorine during biomass combustion on a grate
01/01/2002 → 24/01/2006
Project: PhD
Karakterisering af kemisk nedbrydning af polymerer
Kjellander, C. K., Hvilsted, S., Almdal, K., Szabo, P., Gravesen, P. O. B. & Karlsson, S.
01/12/2001 → 25/06/2008
Project: PhD

Modelling for Predictive Control
Li, H., Jørgensen, S. B., Gani, R., Abildskov, J., Andersen, H. W. & Jacobsen, E. W.
01/11/2001 → 22/01/2007
Project: PhD

Transport Properties in Free Space and in Porous Media
Medvedyev, O., Shapiro, A., Hassager, O., Lindeloff, N. & Wesselingh, J.
01/11/2001 → 04/03/2005
Project: PhD

Micro Structuring of Conducting Polymers
01/10/2001 → 10/01/2005
Project: PhD

Compositional Streamline Simulation
Berenblyum, R., Stenby, E. H., Michelsen, M. L., Shapiro, A., Foged, N. T., Bedrikovetsky, P. & Jakupsstovu, S.
01/09/2001 → 28/01/2005
Project: PhD

Dielektriske elastomer aktuatorer
Skov, A. L., Hassager, O., Sommer-Larsen, P., Keunings, R. & Ndoni, S.
01/08/2001 → 23/08/2004
Project: PhD

Modellering af ionbytningsprocesser med koncentrerede elektrolytopløsninger
Christensen, S. G., Thomsen, K., Mollerup, J., Ivar Andersen, S. & Hansen, E.
01/08/2001 → 04/07/2005
Project: PhD

Tilstopning af katalysatormonolitter som anvendes i selektiv katalytisk reduktion af NOx i støvbelastede gastype
Hansen, C., Jensen, A. D. & Jappe Frandsen, F.
01/08/2001 → 30/09/2002
Project: PhD

Transport Coefficients in Hydrocarbon Mixtures under Microgravity Conditions
Gonzales Bagnoli, M. G., Shapiro, A., Stenby, E. H., Mollerup, J., Knudsen, K. & Montel, F.
01/08/2001 → 18/03/2005
Project: PhD

Hybrid Modeling for Bioreactor Performance
Thaysen, M., Jørgensen, S. B., Petersen, J., Steffensen, E., Villadsen, J., Gram, J. & Stockar, U. V.
15/05/2001 → ...
Project: PhD

Emissioner fra forbrænding af biomasse
01/04/2001 → 10/01/2005
Project: PhD
Integration of synthesis, design and control of batch operations for product design
Papaoikonomou, E., Jørgensen, S. B., Gani, R., Abildskov, J. & Morrison, J. W.
01/06/2000 → 07/03/2006
Project: PhD

Membrane Modification
15/05/2000 → …
Project: PhD

Phase behavior and transport processes in porous media
Madsen, J. & Stenby, E. H.
01/04/2000 → 28/02/2001
Project: PhD

Prediction of the solubility of polymers in aqueous and mixed solvents
Lindvig, T., Kontogeorgis, G., Michelsen, M. L., Mollerup, J., Elbro, H. S. & Sadowski, G.
15/02/2000 → 24/11/2003
Project: PhD

A structural study of block copolymers under deformation
Kjær, E. M., Eskimergen, R., Mortensen, K. & Vigild, M. E.
01/02/2000 → 01/01/2003
Project

Design, dynamik og regulering af integrerede processer
Skotte, R. & Jørgensen, S. B.
01/02/2000 → 31/03/2002
Project: PhD

Karakterisering af polymersmelter i forlængelse
Bach, A., Hassager, O., Almdal, K., Lyngaae-Jørgensen, J., McLeish, T. & Meissner, J.
01/02/2000 → 24/10/2003
Project: PhD

Nanosensorer for orientering og mekanisk spænding i polymermaterialer
Spanggaard, H., Kops, J., Almdal, K., Jørgensen, M., Hassager, O., Jannasch, P. & Ogilby, P.
01/02/2000 → 27/05/2003
Project: PhD

Modellering, ikke-lineær Dynamik og irreversibel termodynamik (MIDIT)
Christiansen, P. L.
01/01/2000 → 31/12/2002
Project

Phase behavior of Aqueous of Surfactant Solution
Cheng, H., Stenby, E. H., Kontogeorgis, G., Ivar Andersen, S., Birdi, K. S. & Maurer, G.
01/01/2000 → 26/02/2004
Project: PhD

CEVI method development
01/12/1999 → 01/12/2003
Fouling and scaling in membrane processes: Mechanisms and how to control these phenomena
Lipnizki, J., Jonsson, G. E., Wenzel, H. & Kristensen, S.
15/11/1999 → 12/05/2004
Project: PhD

Modellering af soddanelse
01/11/1999 → 05/09/2003
Project: PhD

Modellering af gipsproducerede røggasafsvovlingsanlæg
01/10/1999 → 13/12/2005
Project: PhD

Thermodynamic insights based integration of process synthesis, design and control
Bek-Pedersen, E., Gani, R., Jørgensen, S. B., Górak, A. & Sørensen, E. L.
01/10/1999 → 28/02/2003
Project: PhD

Måling og modellering af væske-væske-gas ligevægte ved høje tryk
Laursen, T., Ivar Andersen, S., Rasmussen, P., Mollerup, J., Arlt, W. & Maurer, G.
01/08/1999 → 25/04/2003
Project: PhD

Nonlinear identification and optimal control of fed-batch processes
01/08/1999 → 24/03/2003
Project: PhD

Syntese og undersøgelser af nye polymersystemer med veldefinerede strukturer og designede egenskaber for potentielle nye anvendelser
01/07/1999 → 21/10/2002
Project: PhD

Synthesis of amphiphilic block copolymers by ATRP in aqueous systems
Kops, J.
01/07/1999 → 30/06/2002
Project

Alternative metoder til energieffektive stofadskillelser
Eden, M. R., Jørgensen, S. B., Gani, R., Kiil, S., Cordiner, J. & Kraslawski, A.
01/06/1999 → 21/12/2003
Project: PhD

Chromatographic Separation of Whey Proteins
Pedersen, L., Mollerup, J., Ivar Andersen, S. & Müller, E.
01/06/1999 → 27/05/2003
Project: PhD
Global CAPE-OPEN
Gani, R.
01/06/1999 → 31/12/2001
Project

Grænseflader i kompositte elektroder i fastoxid - brændselceller/elektrolysatorer
01/06/1999 → 09/09/2002
Project: PhD

Optimisation Techniques for Process Synthesis, Design and control
Henriksen, J. P. & Gani, R.
01/06/1999 → 31/03/2001
Project: PhD

Fasefordeling af produktionskemikalier
Derawi, S., Stenby, E. H., Kontogeorgis, G., Ivar Andersen, S., Economou, I. & Knudsen, K.
01/05/1999 → 21/02/2003
Project: PhD

Development of a Mathematical Model for Simulation, Design and Control of a Cupola Furnace
01/04/1999 → …
Project: PhD

PRIORITY - Improved Oil Recovery and Productivity from Lower Cretaceous Carbonates
Jørgensen, M.
01/03/1999 → 31/12/2002
Project

Computer Aided Process/Phenomena Modelling Based on Data
Nielsen, T. L. & Gani, R.
01/02/1999 → 15/03/2001
Project: PhD

Diffusion in liners in offshore flexible pipes
Szabo, P., Hassager, O., Kristensen, S. B., Marcher, B. & Nielsen, N. R.
01/01/1999 → 31/12/2001
Project

Engeneering model of natural gas reburning
Schmidt, L. M., Glarborg, P., Jensen, A. D., Rasmussen, N. B. K., Johnsson, J. E., Hupa, M. & Østberg, M.
01/01/1999 → …
Project: PhD

Engineering model of natural gas reburning
Jensen, A. D. & Glarborg, P.
01/01/1999 → 31/12/2000
Project

Termodynamisk model for korrelation af opløseligheden af aminosyrer i vandige opløsninger
Breil, M. P., Mollerup, J., Kontogeorgis, G., Hansen, E. & Maurer, G.
01/10/1998 → 14/03/2002
Project: PhD
Hygienic Design of Food Processing Mashinery
Friis, A., Jensen, B. B. B., Adler-Nissen, J. & Szabo, P.
01/09/1998 → 31/12/2001
Project

Kinetic theory of linear and branched polymers in shear-free deformations
Neergaard, J., Hassager, O., Schieber, J., Szabo, P., Hulsen, M. A. & Keunings, R.
01/09/1998 → 15/01/2002
Project: PhD

Storage strategies for historical plastics
Shashoua, Y., Kops, J., Hvilsted, S. & Holmström, K. A.
01/09/1998 → 14/12/2001
Project: PhD

Aerosol routes to catalytic materials
Livbjerg, H., Wedel, S., Johannessen, T., Jensen, J. R. & Beckerslev, B.
01/08/1998 → …
Project

Computational Fluid-Particle Dynamics
Johannessen, T. & Livbjerg, H.
01/08/1998 → …
Project

Fremstilling af katalytiske materialer ved Aerosolmetoder
Jensen, J. R., Livbjerg, H., Wedel, S., Fehrman, R., Nielsen, P. E. H. & Pratsinis, S. E.
01/08/1998 → 07/03/2002
Project: PhD

Kompositionel reservoirsimulering af gas injektionsprocesser
Jakupsstovu, S., Stenby, E. H., Shapiro, A., Jansson, J. & Olsen, H.
01/08/1998 → 28/02/2003
Project: PhD

Beregningsmodeller til optimering af sukkerkrystallisation
Rasmussen, A. G., Rasmussen, P., Mollerup, J., Azevedo, S. F. D. & Jacobsen, C.
01/05/1998 → 11/11/2001
Project: PhD

Kulbrinters egenskaber ved høje tryk og temperaturer
01/04/1998 → 10/09/2001
Project: PhD

MENUSIM Web Network.
01/04/1998 → 30/11/1999
Project

Modellering af kulbrinteblandingers faseopførsel ved høje tryk og temperaturer
01/04/1998 → 18/09/2002
Project: PhD
Engineering applications of nonlinear dynamics modelling and optimisation of metabolic networks for metabolite production
Lei, F., Jørgensen, S. B., Olsson, L., Villadsen, J., Axelsson, J. P. & Pronk, J.
01/03/1998 → 14/03/2002
Project: PhD

Deactivation of catalysts for selective catalytic reduction of NO
Jensen, A. D.
01/02/1998 → 31/12/2001
Project

HYSEP
Gani, R.
01/02/1998 → 01/02/2001
Project

Integrated Simulation System with thermodynamic insight
Russel, B. M., Gani, R. & Jørgensen, S. B.
01/02/1998 → 01/11/2000
Project: PhD

Product Recovery for Spray Dryers
Jensen, A. D.
01/02/1998 → 31/12/2000
Project

Product recovery from spray dryers
01/02/1998 → 20/04/2001
Project: PhD

Adsorptive and Chromatographic Behaviour of Proteins (D.1)
Mollerup, J., Borgbjerg, U., Bisgaard-Frantzen, H. & Hansen, E.
01/01/1998 → 31/12/1998
Project

Changes in Product Stability during Hydrocracking (B.2)
Ivar Andersen, S., Dang, T. T. & Tecle, Z.
01/01/1998 → 31/12/1998
Project

Computation of Phase Equilibria for Electrolyte Solutions (A.7)
Rasmussen, P. & Thomsen, K.
01/01/1998 → 31/12/1998
Project

Estimation of Properties based on the Group Contribution Approach (A.9)
Rasmussen, P. & Abildskov, J.
01/01/1998 → 31/12/1998
Project

Experiments with Electrolyte Solutions (A.2)
Rasmussen, P.
01/01/1998 → 31/12/1998
Project
Field measurements of combustion aerosols
Livbjerg, H., Nielsen, M. T. & Beckerslev, B.
01/01/1998 → ...

Fundamental aspects of asphaltenes in solutions (B.1)
Ivar Andersen, S., Pedersen, C., Dang, T. T., Petersen, K. & Tecle, Z.
01/01/1998 → 31/12/1998

Gas Hydrate Formation (C.4)
Rasmussen, P.
01/01/1998 → 31/12/1998

IVC-SEP Program Package (B.1)
Pretel, E.
01/01/1998 → 31/12/1999

Liquid-Liquid Equilibrium (LLE) Measurements (A.3)
Rasmussen, P. & Persson, O. H.
01/01/1998 → 31/12/1998

Measurement of Phase Equilibria and Transport Properties (C.2)
Stenby, E. H., Dandekar, A., Dang, T. T. & Tecle, Z.
01/01/1998 → 31/12/1998

Measurements of Various Thermophysical Properties (A.4)
Rasmussen, P.
01/01/1998 → 31/12/1998

Modelling and Optimization of Sugar Crystallization (A.10)
Rasmussen, P.
01/01/1998 → 31/12/1998

Modelling of Phase Equilibria and Transport Properties (C.1)
Stenby, E. H., Michelsen, M. L., Shapiro, A., Dandekar, A. & Jessen, K.
01/01/1998 → 31/12/1998

Modelling of Phase Equilibria of Polymer Solutions (A.6)
Rasmussen, P. & Pretel, E.
01/01/1998 → 31/12/1998

Models for Transport Properties (A.8)
Rasmussen, P.
01/01/1998 → 31/12/1998
Phase Behavior of Asphaltenes Containing Reservoir Fluids (C.5)
Stenby, E. H., Pedersen, C., Dang, T. T., Lindeloff, N. & Tecle, Z.
01/01/1998 → 31/12/1998
Project

Phase Equilibria Including an Aqueous Phase (C.3)
Stenby, E. H.
01/01/1998 → 31/12/1998
Project

Prediction of Phase Equilibria and Liquid Phase Nonideality (A.5)
Rasmussen, P.
01/01/1998 → 31/12/1998
Project

Recovery processes (C.7)
Stenby, E. H., Mogensen, K., Poulsen, S., Dang, T. T., Poulsen, S., Shapiro, A., Ivar Andersen, S. & Dandekar, A.
01/01/1998 → 31/12/1998
Project

Simulation of IOR/EOR with advanced thermodynamic models (C.8)
Stenby, E. H., Jørgensen, M. & Christensen, J. R.
01/01/1998 → 31/12/1998
Project

Structuring of multiphase polymer systems
Lyngaae-Jørgensen, J., Lindquist, M., Schytt, V. & Pyrz, R.
01/01/1998 → …
Project

Supercritical Fluid Separations (D.2)
Mollerup, J. & Borch-Jensen, C.
01/01/1998 → 31/12/1998
Project

The Effect of Heat Treatment on Pitch Quality (B.3)
Ivar Andersen, S.
01/01/1998 → 31/12/1998
Project

Thermodynamic Properties of Amino Acids in Solution (D.3)
Mollerup, J.
01/01/1998 → 31/12/1998
Project

Vapor-Liquid Equilibrium (VLE) Measurements (A.1)
Rasmussen, P., Jonasson, A. J. & Persson, O. H.
01/01/1998 → 31/12/1998
Project

Wax Formation in Reservoir Fluids (C.6)
Stenby, E. H., Ivar Andersen, S. & Lindeloff, N.
01/01/1998 → 31/12/1998
Project
Control of fouling and concentration polarisation during Microfiltration of skim milk
01/12/1997 → 07/06/2002
Project: PhD

Effekt af varmebehandling på begkvalitet
Ascanius, B. E., Ivar Andersen, S., Stenby, E. H., Østergaard, K., Stokke, P. & Øye, H. A.
01/12/1997 → 14/03/2001
Project: PhD

Fermentering og oprensning af C-5 kulhydrater til mælkesyre
Garde, A., Jonsson, G. E., Ahring, B. K., Villadsen, J., Kristensen, S. & Norddahl, B.
01/12/1997 → 17/02/2003
Project: PhD

Production of novel plasmid vectors for gene therapy and DNA vaccine applications
Theodossiou, I., Villadsen, J., Thomas, O. R. T., Jonsson, G. E., Johansen, J. S. & Müller, M.
01/12/1997 → 09/02/2002
Project: PhD

Biologically Based Packaging Materials for Foods
Nielsen, P. V. & Bergenholtz, K. P.
01/10/1997 → 30/06/2001
Project

Fremstilling af nano-partikler og nano-porese materialer ved aerosolmetoder
01/10/1997 → 12/07/2001
Project: PhD

Integrated approach to computer aided process synthesis
Hostrup, M., Gani, R., Jørgensen, S. B., Aasbeg-Petersen, K. & Pistikopoulos, S.
01/10/1997 → 20/09/2002
Project: PhD

Integrated system for design and analysis of pharmaceutical, biochemical, and fine-chemical processes with electrolyte systems
Takano, K., Gani, R., Jørgensen, S. B. & Wiebe, L.
01/09/1997 → 06/04/2001
Project: PhD

Kolloide egenskaber af asfaltener i olier
Pedersen, C., Ivar Andersen, S., Stenby, E. H., Thomsen, K., Buckley, J. S. & Knudsen, K.
01/08/1997 → 09/07/2001
Project: PhD

Metabolic engineering of the pyruvate metabolism in Lactococcus lactis
Melchiorsen, C. R. & Villadsen, J.
01/08/1997 → 09/11/2000
Project: PhD

Modellering af elektrisk drevne membranprocesser
Rype, J., Jonsson, G. E., Jacobsen, T. & Kristensen, S.
01/08/1997 → 27/05/2003
Project: PhD
Oil recovery processes
Poulsen, S., Stenby, E. H., Foged, N. T., Patzek, T. W. & Reffstrup, J. O.
01/08/1997 → 14/09/2001
Project: PhD

Optimizing control of integrated processes
Jørgensen, J. B., Jørgensen, S. B., Poulsen, N. K., Marquardt, W. & Strand, S.
01/08/1997 → 03/06/2005
Project: PhD

Raman Spectroscopy Analysis of Phase Equilibria
Berg, R. W., Hansen, S. B. & Stenby, E. H.
01/07/1997 → 30/01/2001
Project

Pyrolyse og forbrænding af biomasse
Stenseng, M., Dam-Johansen, K., Jensen, A. D., Hansen, P. F. B. & Mogensen, G.
01/06/1997 → 19/09/2001
Project: PhD

A.1 Activity coefficient models
Gani, R., Abildskov, J., Takano, K. & Jensen, A. K.
01/05/1997 → ...
Project

A.2 Pure component property estimation methods and software
Gani, R. & Harper, P. M.
01/05/1997 → ...
Project

A.3 Computation of chemical and/or physical equilibrium
Gani, R., Jensen, A. K., Takano, K. & Hostrup, M.
01/05/1997 → ...
Project

A.4 Data visualisation and parameter estimation
Gani, R. & Harper, P. M.
01/05/1997 → ...
Project

A.5 Databank management and access tools
Gani, R. & Harper, P. M.
01/05/1997 → ...
Project

A. Correlation/prediction of thermo-physical and phase equilibrium properties
Gani, R.
01/05/1997 → ...
Project

B.1 Integrated process simulation
Jørgensen, S. B., Russel, B. M. & Bagherpour, K.
01/05/1997 → ...
Project
B.2 Modelling and simulation of membrane-based separation processes
Jørgensen, S. B., Tessendorf, S., Michelsen, M. L. & Jonsson, G.
01/05/1997 → …
Project

B.3 Modelling and simulation of fixed-bed reactors
Jørgensen, S. B., Recke, B. & Keldebæk, M.
01/05/1997 → …
Project

B.4 Modelling and simulation of particulate transport in rotary kiln
Jørgensen, S. B.
01/05/1997 → …
Project

B.5 Modelling and simulation reactive separation processes
Jørgensen, S. B., Lei, F. & Pedersen, K.
01/05/1997 → …
Project

B.6 Modelling and simulation reactive separation processes
Jørgensen, S. B. & Hostrup, M.
01/05/1997 → …
Project

B.7 Modelling and simulation of biological waste water treatment processes
Jørgensen, S. B., Meinhold, J. & Krühne, U.
01/05/1997 → …
Project

B.8 Modelling and simulation of electrolyte processes
Jørgensen, S. B. & Takano, K.
01/05/1997 → …
Project

B.9 Real-time refinery predictive models
Jørgensen, S. B.
01/05/1997 → …
Project

B. Process modelling, simulation and identification
Jørgensen, S. B.
01/05/1997 → …
Project

C.1 Process synthesis with thermodynamic and physical insights
Gani, R., Hostrup, M., Takano, K., Grossmann, I. & Kravanja, Z.
01/05/1997 → …
Project

C.2 Computer Aided Molecular Design (CAMD)
Gani, R. & Harper, P. M.
01/05/1997 → …
Project
C.3 Design and analysis
Gani, R., Recke, B., Andersen, T. R., Hostrup, M., Takano, K., Tessendorf, S., Lei, F. & Pedersen, K.
01/05/1997 → …
Project

C. Process synthesis, process/product design and analysis
Gani, R.
01/05/1997 → …
Project

D.1 Statistical process monitoring and optimisation
Jørgensen, S. B. & Gregersen, L.
01/05/1997 → …
Project

D.2 Real-time optimising control
Jørgensen, S. B., Pedersen, K. & Jørgensen, J. B.
01/05/1997 → …
Project

D.3 Operational implications of optimality
Jørgensen, S. B. & Jørgensen, J. B.
01/05/1997 → …
Project

D.4 Non-linear dynamics and control
Jørgensen, S. B., Recke, B., Andersen, T. R. & Lei, F.
01/05/1997 → …
Project

D.5 Control of biological waste water treatment process
Jørgensen, S. B., Meinhold, J., Krühne, U. & Lyngaae-Jørgensen, J.
01/05/1997 → …
Project

D.6 Implementation of control into ICAS
Jørgensen, S. B. & Jørgensen, J. B.
01/05/1997 → …
Project

D.7 Development of toolbox for linear and non-linear MPC
Jørgensen, S. B. & Jørgensen, J. B.
01/05/1997 → …
Project

D. Process Control and Operation
Jørgensen, S. B. & Gregersen, L.
01/05/1997 → …
Project

E.1 Process Integration
Gani, R., Andersen, T. R. & Jørgensen, S. B.
01/05/1997 → …
Project
E.2 System (Tools) Integration
01/05/1997 → ...
Project

E.3 Integrated Algorithms
Gani, R., Lewin, D. & O'Connell, J.
01/05/1997 → ...
Project

E. Process and Tools Integration
Gani, R.
01/05/1997 → ...
Project

F.1 Numerical Methods Collection
Gani, R. & Jensen, A. K.
01/05/1997 → ...
Project

F.2 Initialisation for large problems
Gani, R.
01/05/1997 → ...
Project

F.3 Simulation strategy
Gani, R., Jensen, A. K. & Russel, B. M.
01/05/1997 → ...
Project

F. Numerical and Computational Aspects
Gani, R.
01/05/1997 → ...
Project

G. Process Hazards and Safety
Jørgensen, S. B. & Recke, B.
01/05/1997 → ...
Project

A Multi-phase, Multi-level Framework for Computer aided Molecular Design
Harper, P. M., Gani, R., Jørgensen, S. B. & Wiebe, L.
01/02/1997 → 25/07/2000
Project: PhD

Control of Biological Waste Water Treatment Plants
01/02/1997 → ...
Project

Gasinjektion i
Jessen, K., Stenby, E. H., Michelsen, M. L. & Villadsen, J.
01/02/1997 → 31/07/2000
Project: PhD
Optimal design og operation af procesintegreret destillation
Andersen, T. R., Jørgensen, S. B., Gani, R., Andersen, H. W. & Skogestad, S.
01/02/1997 → 24/01/2003
Project: PhD

EFP-97: Fuel Flexibility and Emission Control - By Production of Electricity and Heat and in Energy Intensive Industrial Processes
Jensen, A. D., Stenseng, M., Zolin, A. & Røjel, H.
01/01/1997 → 31/12/1999
Project

Reaktivitet af faste brændsler
Zolin, A., Dam-Johansen, K., Jensen, A. D., Hurt, R., Pedersen, L. S. & Rosenberg, P.
01/01/1997 → 16/10/2001
Project: PhD

Transition Metal Complex Catalyzed Hydroformylation in Biphasic Reaction Media.
Hjortkjaer, J.
01/01/1997 → 31/12/1997
Project

Identifikation af kontrolpunkter i mikrobiel metabolisme
Jensen, N. B., Villadsen, J. & Adler-Nissen, J.
01/09/1996 → 28/02/2000
Project: PhD

Ask. og Belægningsdannelse i Fyringssystemer
Becerra, S. V., Dam-Johansen, K., Jappe Frandsen, F., Dockter, B. A., Hansen, P. F. B. & Skrifvars, B.
01/08/1996 → 28/09/2001
Project: PhD

Emission af kulbrinter fra lean.brun gasmotorer
Bendtsen, A. B., Dam-Johansen, K., Glarborg, P. & Martens, H.
01/08/1996 → 06/09/1999
Project: PhD

Kromatografisk Proteinoprensning
Hansen, E., Mollerup, J. & Michelsen, M. L.
01/08/1996 → 22/11/2000
Project: PhD

Modellering af ultra- og mikrofiltreringa-processen
01/08/1996 → 21/11/2000
Project: PhD

Modelling of the Ultra- and Microfiltration Process
Jakobsen, S.
01/08/1996 → 01/08/1999
Project

Ristefyring af biomasse
Røjel, H., Dam-Johansen, K., Jensen, A. D. & Hansen, P. F. B.
01/08/1996 → 06/04/2001
Project: PhD
Monitoring and Fault Diagnosis
01/07/1996 → ...
Project: PhD

Optimization and Control of Biological
01/07/1996 → 14/03/2002
Project: PhD

Automatisk regulering af biologisk spildevandsanlæg
Meinhold, J., Jørgensen, S. B., Henze, M., Nielsen, M. V. & van Loosdrecht, M.
01/04/1996 → 03/05/2002
Project: PhD

Overgangsmetalkomplekskatalyseret
Rasmussen, M. & Hjortkjær, J.
01/04/1996 → 01/10/1998
Project: PhD

Reduktion af Nox fra kalkinatorsystemer
01/03/1996 → ...
Project: PhD

Strukturudvikling i flerfase polymerblandinger
Lindquist, M., Lyngaae-Jørgensen, J. & Hansen, C. M.
01/03/1996 → 21/10/1999
Project: PhD

Dannelse af organiske faste faser i kulbrinteblandinger
Lindeloff, N. & Stenby, E. H.
01/02/1996 → 23/04/1999
Project: PhD

Feltmålinger af forbrændingsaerosoler
Nielsen, M. T., Livbjerg, H., Johnsson, J. E., Christensen, K. A. & Kauppinen, E. I.
01/02/1996 → 20/03/2002
Project: PhD

Membrane - solute interactions in micro
Thom, V., Jonsson, G. E. & Lyngaee-Jørgensen, J.
01/02/1996 → 21/10/1999
Project: PhD

Modellering af stoftransport i membraner
Østergaard, O. & Hjortkjær, J.
01/02/1996 → 01/01/2001
Project: PhD

Surface modification of polymeric membranes
Jonsson, G. E. & Thom, V.
01/02/1996 → 31/01/1999
Project
Control of Biological Waste Water Treatment Plants
01/01/1996 → 31/01/1997
Project

Determination of two-dimensional saturation profiles in cores by nuclear techniques
Sletsgaard, J., Korsbech, U. C. C. & Ølgaard, P. L.
01/01/1996 → 31/12/1996
Project

Efficient and Clean Use of Biomass for Power and Heat Production. Phase I.
01/01/1996 → 31/12/1998
Project

Functional polymers and surfaces
Kops, J.
01/01/1996 → 31/12/1996
Project

Gas Solubility in Acetic Acid
Jonasson, A. J.
01/01/1996 → 30/06/1998
Project

Lean Burn Engines - Emission Reduction.
Dam-Johansen, K., Bendtsen, A. B., Glarborg, P. & Hansen, J.
01/01/1996 → 31/12/1998
Project

Simulation of flow of polymeric liquids
Szabo, P.
01/01/1996 → …
Project

Solubility of Gases in Acetic Acid
Jonasson, A. J., Rasmussen, P., Christiansen, L. J., Mollerup, J. & Sørensen, A.
01/01/1996 → 16/09/1998
Project: PhD

Transition Metal Complex Catalyzed Hydroformylation in Biphasic Reaction Media
Hjortkjær, J. & Rasmussen, M.
01/01/1996 → …
Project

Computer Aided Modelling
Gani, R.
01/09/1995 → …
Project

Design and Control of Time-Varying Chemical Processes
Pedersen, K., Jørgensen, S. B., Olsø, L., Poulsen, N. K., Brabrand, H. & Hagander, P.
01/09/1995 → 13/03/2002
Project: PhD
Generel Model til gruppebidragsbaseret forudsigelse af fasetligevægte af komplekse blandinger
Abildskov, J., Gani, R. & Elbro, H. S.
01/09/1995 → 08/12/1998
Project: PhD

Modeling, Analyses and Design of Tessendorf, S., Gani, R., Cameron, D. & Villadsen, J.
01/09/1995 → 19/07/1999
Project: PhD

Aerosoldynamik
Johannessen, T., Livbjerg, H. & Christensen, K. A.
01/08/1995 → 20/04/1999
Project: PhD

Kemiske reaktioners ulineære dynamik - indflydelse på design og operation
Andersen, B. R., Jørgensen, S. B., Cameron, D. & Chorkendorff, I.
01/08/1995 → 28/04/2000
Project: PhD

Termodynamik i kompositionel reservoir simulering
Christensen, J. R., Stenby, E. H. & Frørup, M. D.
01/08/1995 → 22/04/1999
Project: PhD

Modificering og karakterisering af grænseflader i polymer-mineral kompositter
01/07/1995 → 20/10/1998
Project: PhD

Chromatografisk oprensning af proteiner
Bisgaard-Frantzen, H., Mollerup, J., Staby, A. & Christensen, J. V.
01/06/1995 → 07/01/1999
Project: PhD

Superkritiske Teknikker
Borch-Jensen, C., Mollerup, J., Bøwadt, S. & Fangel, P.
01/06/1995 → 26/05/1999
Project: PhD

Belægningsdannelse ved halmtilsatsfyring
Andersen, K. H., Dam-Johansen, K. & Luxhøj, F.
01/05/1995 → 07/01/1999
Project: PhD

Materials for district heating tubes
Lyngaae-Jørgensen, J. & Nielsen, L. V.
01/05/1995 → 30/04/1998
Project

Struktur og termisk ledningsevne af polymere skummateriale med lukket cellestruktur
Nielsen, L. V., Lyngaae-Jørgensen, J. & Hassager, O.
01/05/1995 → 25/11/1998
Project: PhD
Chromatografisk oprensing af proteiner
Borgbjerg, U., Mollerup, J., Michelsen, M. L. & Staby, A.
01/03/1995 → 15/06/1999
Project: PhD

Improving and stabilization of aroma in fermented dairy products
Curic, M., Villadsen, J., Hammer, K. & Snoep, J. L.
01/03/1995 → 05/11/1998
Project: PhD

Klæbningens reologi
Christensen, M. B., Hassager, O. & Lyngaae-Jørgensen, J.
01/03/1995 → 10/09/1998
Project: PhD

Minimering af glycerolproduktion under anaerob vækst af Saccharomyces cerevisiae
Nissen, T. L., Villadsen, J. & Olsson, L.
01/03/1995 → 23/09/1999
Project: PhD

Numerisk simulering af varmeovergang i en co-roterende skrabevarmeveksler til levnedsmiddelproduktion
Karlson, T., Hassager, O., Adler-Nissen, J. & Sørensen, A.
01/03/1995 → 05/05/1999
Project: PhD

Numerisk simulering af viskoelastisk strømning
Kolte, M. I., Hassager, O. & Tvergaard, V.
01/03/1995 → 31/07/1998
Project: PhD

Fortrængningsprocesser i Porøse Medier
Mogensen, K. & Stenby, E. H.
01/02/1995 → 15/07/1998
Project: PhD

1. Management of Plant Operation and Control
Jørgensen, S. B.
01/01/1995 → ...
Project

Electrodialytic remediation of soil polluted with heavy metals
01/01/1995 → 31/12/1999
Project

Flame generated nano-particles
Johannessen, T., Andersen, S. K., Livbjerg, H. & Wedel, S.
01/01/1995 → ...
Project

Flygtighed af salte ved høje temperaturer
Jensen, J. P., Rasmussen, P. & Sander, B.
01/01/1995 → 12/11/1996
Project: PhD
Software modelling fluid/fluid displacement
Hassager, O. & Rasmussen, H. K.
01/01/1995 → 31/12/1996
Project

Sugar Transport in Aspergillus oryzae
Schmidt, K., Villadsen, J. & Michelsen, M. L.
01/01/1995 → 02/06/1998
Project: PhD

Undersøgelse af byggeomaterialers sorptionsegenskaber
Kjær, U. D., Marcussen, L. & Aasbeg-Petersen, K.
01/01/1995 → 12/03/2000
Project: PhD

Modelling, Design and Analysis of Complex Separation Processes
Cisneros, E. S. P., Gani, R., Christiansen, L. J. & Villadsen, J.
Project: PhD

Realtime optimering af et olieraffinaderi
Vahid, A., Jørgensen, S. B., Thyregod, P., Andersen, H. W. & Holst, J.
01/10/1994 → …
Project: PhD

Computer aided design for proceso flowsheets der omfatter elektrolyt - og polymer - systemer
Thomsen, K., Rasmussen, P., Ireneo, K. & Sander, B.
01/09/1994 → 17/03/1998
Project: PhD

Control design of fed-batch fermentation
Zangirolami, T., Jørgensen, S. B. & Villadsen, J.
01/09/1994 → …
Project: PhD

Design and Simulation of Integrated Biochemical Processes
Bagherpour, K., Gani, R. & Wiebe, L.
01/09/1994 → 20/10/1999
Project: PhD

Development of New Adsorbents and Adsorption Filters
01/09/1994 → …
Project

Analyse og dimensionering af ulineære processer
Recke, B. & Jørgensen, S. B.
01/08/1994 → 05/10/1999
Project: PhD

Development of a computer aided system for process simulation model generation
Jensen, A. K., Gani, R., Jørgensen, S. B. & Sørensen, E. L.
01/08/1994 → 02/08/1999
Project: PhD
Low Nox Burners
Pedersen, L. S., Dam-Johansen, K., Bendixen, K. & Hupa, M.
01/08/1994 → 21/01/1998
Project: PhD

Modellering af reservoirfluider ved højt tryk og høj temperatur
Gommesen, S. & Stenby, E. H.
01/08/1994 → 22/03/2000
Project: PhD

Morfologi og proteinsekretion i Aspergillus oryzae
Spohr, A. B., Villadsen, J. & Frisvad, J. C.
01/08/1994 → 18/11/1997
Project: PhD

Multichannel Reactions and Kinetic Modeling of Combustion Processes
Glarborg, P., Dam-Johansen, K. & Hansen, J.
01/08/1994 → 01/08/1997
Project

Plantwide Control of Generic Integrated Methanol Plant
Hansen, J. E. & Jørgensen, S. B.
Project: PhD

Aerosoldannelse ved forbrænding af halm
Nielsen, L. B., Livbjerg, H. & Sander, B.
01/07/1994 → 18/01/1999
Project: PhD

Danish Polymer Centre
01/07/1994 → 30/06/1998
Project

Structuring of polymer blends and alloys
Lyngaae-Jørgensen, J. & Lindquist, M.
01/07/1994 → 01/07/1998
Project

Et eksperimentelt studium af gashydraters kimdannelse
Bylov, M., Rasmussen, P., Mollerup, J. & Nerheim, A. R.
01/06/1994 → 09/09/1997
Project: PhD

Electro-Membrane Processes for Flue Gas Cleaning
Larsen, T. F., Jonsson, G. E., Madsen, R. F. & Sander, B.
01/05/1994 → 29/08/1997
Project: PhD

New membrane separation processes
Jonsson, G. E., Rype, J. & Larsen, T. F.
01/05/1994 → ...
Uorganiske metalforbindelser i forbrænding og forgasning
Michelsen, H. P., Dam-Johansen, K., Blum, H. J. R. & Sander, B.
01/04/1994 → 16/03/1999
Project: PhD

Uorganiske metalforbindelser i forbrænding og forgasning
01/04/1994 → 13/02/1998
Project: PhD

Fuzzy Based Supervisory Control of Time-varing and Multi-variable Processes
Yazdi, H., Jørgensen, S. B., Jantzen, J. & Kymmel, M.
01/03/1994 → ...
Project: PhD

1.1 Integration of Supervision and Control
Jørgensen, S. B. & Yazdi, H.
01/02/1994 → ...
Project

1.2 Plant Wide Control and Real Time Optimization
Jørgensen, S. B., Andersen, T. R. & Pedersen, K.
01/02/1994 → ...
Project

1.3 Process Monitoring, Diagnosis and Optimization
Jørgensen, S. B. & Gregersen, L.
01/02/1994 → ...
Project

Numerisk simulering af strømning af polymere
Nielsen, M. A. & Hassager, O.
01/02/1994 → 31/10/1996
Project: PhD

Aerosols from the combustion of straw
Livbjerg, H., Nielsen, L. B. & Wedel, S.
01/01/1994 → ...
Project

Development of chemical and biological processes for production of bioethanol
Ahring, B. K., Nørgaard, C. S. & Jensen, K.
01/01/1994 → 01/03/1997
Project

Influence of Process Parameters on Coal Combustion Performance
Lans, R. P. V. D.
01/12/1993 → 01/05/1997
Project

Models for Pulverized Coal and Fluidized Bed Combustors
Lans, R. P. V. D., Dam-Johansen, K., Glarborg, P. & Hupa, M.
01/12/1993 → 11/09/1997
Project: PhD
Marine transport of dangerous goods on inland waterways and in coastal areas.
Rømer, H. G., Kops, J., Petersen, H. J. S. & Rasmussen, B.
01/08/1993 → 11/09/1996
Project: PhD

Metaboliske fluxe i Penicillium chrysogenum.
Henriksen, C. M., Villadsen, J., Nielsen, J. & Emborg, C.
01/08/1993 → 14/01/1997
Project: PhD

Morfologisk karakterisering af penicillium chrysogenum.
Krabben, P., Villadsen, J., Nielsen, J., Christensen, L. H. & Emborg, C.
01/08/1993 → 23/10/1997
Project: PhD

Low Temperature Nitrogen Chemistry
Glarborg, P., Dam-Johansen, K. & Hansen, J.
01/07/1993 → 30/06/1996
Project

Nye polymermaterialer til optisk informationsbehandling.
Strange, M., Kops, J. & Lyngaae-Jørgensen, J.
01/06/1993 → 23/07/1997
Project: PhD

Effective Electrical Conductivity of Porous Beds
Marcussen, L.
01/02/1993 → ...
Project

Adsorptive and chromatographic behaviour of proteins
Møllerup, J., Borgbjerg, U., Hansen, E. & Bisgaard-Frantzen, H.
01/01/1993 → 01/04/2012
Project

Combustion and Harmful Emission Control
01/01/1993 → 31/12/1997
Project

Inorganic Catalysis
01/01/1993 → ...
Project

Spektral element simulering af ultrafiltrering.
Hansen, M., Hassager, O., Barker, V. A., Gervang, B. G. & Madsen, R. F.
01/01/1993 → 11/09/1996
Project: PhD

Development of an improved microwave apparatus for detection of high pressure dew and bubble points
Sendrup, P. W. & Stenby, E. H.
09/12/1992 → 27/02/1997
Project: PhD

3.1 Wet-oxidation Reactor
Jørgensen, S. B.
01/12/1992 → …
Project

3. Process Applications
Jørgensen, S. B.
01/12/1992 → …
Project

On-line monitoring of the penicillin fermentation
Rong, W. & Villadsen, J.
01/12/1992 → 18/12/1995
Project: PhD

Phase Equilibria in petroleum fluids: multiphase regions and waxformation.
Coutinho, J. & Stenby, E. H.
01/12/1992 → 23/04/1996
Project: PhD

Structured models for yeast
Schulze, U. & Villadsen, J.
01/12/1992 → 24/08/1995
Project: PhD

Simulering af forbedret olieindvinding (IOR) med avancerede termodynamiske modeller
Jørgensen, M. & Stenby, E. H.
01/11/1992 → 27/02/1997
Project: PhD

Integrated operational and proces-optimization of proces
Nielsen, J. S. & Jørgensen, S. B.
01/10/1992 → …
Project: PhD

Separation process synthesis, design and analysis based on thermodynamic insights.
Jaksland, C. & Gani, R.
01/10/1992 → 23/04/1996
Project: PhD

Multikomponent adsorption
Krøll, A. E., Marcussen, L. & Aasbeg-Petersen, K.
Project: PhD

Use of equations of state in compositional reservoir simulation
Jørgensen, M.
01/08/1992 → 01/09/1996
Project

Design og analyse af superkritiske ekstraktionsprocesser.
Hytoft, G. & Gani, R.
01/06/1992 → 18/12/1995
Hydriphilt bæremateriale til kemik fastfasesynthese
Winther, L. & Kops, J.
01/06/1992 → 29/06/1995
Project: PhD

Rhodiumkomplekskatalyseret reaktive carbonylering af alkoholer
Jensen, J. & Hjortkjær, J.
01/06/1992 → 31/01/1994
Project: PhD

A study of phase equilibria behavior of polydisperse polymer-solvent systems
Goncalves, A. S. & Rasmussen, P.
01/04/1992 → 18/09/1995
Project: PhD

Fluid phase equilibria of polymer solutions
Kontogeorgis, G. & Rasmussen, P.
01/04/1992 → 18/04/1995
Project: PhD

Aerosoldannelse ved gasfasereaktioner
Christensen, P. S. & Livbjerg, H.
01/02/1992 → 12/12/1994
Project: PhD

Flerfasestrømning i annulære tværsnit
Szabo, P., Hassager, O. & Reffstrup, J. O.
01/02/1992 → 26/08/1994
Project: PhD

Forstøvelighed af viskoelastiske væsker.
Rasmussen, H. K., Hassager, O. & Barker, V. A.
01/02/1992 → 29/06/1995
Project: PhD

Modelling of growth and product formation in fermentation of filamentous fungi.
Carlsen, M. & Villadsen, J.
01/02/1992 → 31/01/1995
Project: PhD

Sporstoffer i forbrændingsprocesser
Jappe Frandsen, F., Dam-Johansen, K., Larsen, A. N. & Klitgaard, J.
01/11/1991 → 29/05/1995
Project: PhD

Membrane contactor to replace conventional scrubbers
Iversen, S. B., Dam-Johansen, K., Barker, V. A., Madsen, R. F. & Sander, B.
01/10/1991 → 01/01/1995
Project: PhD

Nitrogenkemi under forbrænding
Kristensen, P. G., Dam-Johansen, K. & Klitgaard, J.
01/10/1991 → 18/12/1995
Project: PhD
Modellering af vækst og produktdannelse for fermenteringer med penicillium chrysogenum
Johansen, C. L. & Villadsen, J.
01/08/1991 → 16/02/1994
Project: PhD

Nitrogen chemistry in fluidized bed combustion
Jensen, A. D., Dam-Johansen, K. & Klintgaard, J.
01/08/1991 → 09/07/1996
Project: PhD

Termodynamiske modeller i kompositionel reservoir-simulering
Peng, W. & Stenby, E. H.
01/05/1991 → 16/02/1994
Project: PhD

Udnyttelse af kul i kulfyrede kraftværker
Hald, P. M., Dam-Johansen, K. & Sander, B.
01/05/1991 → 15/11/1994
Project: PhD

Simulering og optimering af ammonikanlæg
Bossen, B. S., Gani, R., Christiansen, L. J., Graveseen, P. & Villadsen, J.
01/04/1991 → 27/02/1995
Project: PhD

Adsorption/Desorption in Building Materials
Marcussen, L., Kjær, U. D. & Nielsen, P. A.
01/02/1991 → ...
Project

Studies of the phase behavior and physical properties of hydrocarbon fluids
Amin, R. & Stenby, E. H.
01/01/1991 → 21/03/1994
Project: PhD

Gas hydrate kinetics
Skovborg, P. & Rasmussen, P.
01/11/1990 → 21/02/1994
Project: PhD

Korrelation af gasopløsning og PVT-egenskaber for olie og gas.
Pedersen, P. R. & Mollerup, J.
01/11/1990 → 08/01/1996
Project: PhD

Dynamics and control of fixed bed reactors with varying activity
Santiago, W., Jørgensen, S. B. & Andersen, H. W.
01/07/1990 → 12/09/1997
Project: PhD

Application of Membrane Processes in Biotechnology
Wenten, I. G., Jonsson, G. E. & Madsen, R. F.
01/05/1990 → 18/09/1995
Project: PhD
3.5 Periodic Processes
Jørgensen, S. B. & Santiago, W.
01/02/1990 → ...
Project

Gasfasereaktioners afhængighed af ikke ideal strømning
Østberg, M., Dam-Johansen, K., Hupa, M. & Kiltgaard, J.
01/02/1990 → 13/06/1996
Project: PhD

Biological removal of Phosphorus from wastewater
Harremoës, P., Henze, M., Isaacs, S. H. & Meinhold, J.
01/01/1990 → ...
Project

Modelling, Identification and control of a continuous fermentation with Saccharomyces cerevisiae
Møller, H. E. & Jørgensen, S. B.
01/09/1989 → 04/01/1994
Project: PhD

Simulering og modelering af termodynamiske data
Gormsen, S. & Mollerup, J.
01/09/1989 → 30/05/1994
Project: PhD

Strukturidentifikation af multivariable kemiske processer
Rasmussen, K. H. & Jørgensen, S. B.
01/08/1989 → 27/09/1994
Project: PhD

Strømning og sedimentation af suspensioner i komplekse geometrier
Kurtzhals, E. & Hassager, O.
01/10/1988 → 29/06/1995
Project: PhD

Koncentrations- og temperaturmålinger i fyrrum med kulstøvfyring
Illerup, J. B., Østergaard, K. & Hupa, M.
01/03/1988 → 25/11/1994
Project: PhD

Netgenerering
Thomsen, J. M. & Villadsen, J.
01/02/1988 → 19/09/1996
Project: PhD

Supercritical fluid equilibria and chromatography
Mollerup, J. & Borch-Jensen, C.
01/01/1988 → 30/06/1998
Project

3.2 Cell Cultivations
Jørgensen, S. B.
01/01/1987 → ...
Project
The phase behavior of petroleum asphaltene
Ivar Andersen, S.
01/08/1986 → ...
Project

CHEC
10/01/1986 → ...
Project

Adsorption
Marcussen, L. & Krøll, A. E.
01/02/1985 → ...
Project

3.3 Distillation
Jørgensen, S. B., Andersen, T. R. & Yazdi, H.
01/02/1982 → ...
Project

Simulation of phase equilibrium and separation processes
Michelsen, M. L.
01/01/1980 → 01/01/1981
Project

2.1 Reactor Dynamics
Jørgensen, S. B., Recke, B. & Andersen, B. R.
01/07/1972 → ...
Project

2.2 Design and Control of Safety Critical Processes
Jørgensen, S. B. & Recke, B.
01/07/1972 → ...
Project

2.3 Multivariable Process Identification for Control
Jørgensen, S. B.
01/07/1972 → ...
Project

2. Chemical Process Dynamics and Control
Jørgensen, S. B.
01/07/1972 → ...
Project

3.4 Fixed Bed Reactor
Jørgensen, S. B. & Recke, B.
01/07/1972 → ...
Project
Membrane Filtration
Jonsson, G. E., Guerra, M. A., Jakobsen, S. & Garde, A.
01/03/1970 → …
Project

Thermodynamics of fluids and fluid mixtures
Mollerup, J.
01/01/1970 → 01/04/2012
Project

Activities:

Characterization of fuel spray for a marine burner back-spill atomizer
Cafaggi, G. (Speaker)
30 May 2018
Activity: Talks and presentations › Conference presentations

Characterization and assessment of PAH content in spent char to be used for soil amendment and carbon sequestration
Ravenni, G. (Guest lecturer), Thomsen, T. P. (Guest lecturer), Jesper Ahrenfeldt (Guest lecturer), Henriksen, U. B. (Guest lecturer)
23 May 2018
Activity: Talks and presentations › Conference presentations

Determination of particle concentration of diluted and raw flue gas
Azizaddini, S. (Other)
18 May 2018
Activity: Talks and presentations › Conference presentations

Characterization of char from wood gasification
Sárossy, Z. (Other), Ravenni, G. (Other), Ahrenfeldt, J. (Other), Henriksen, U. B. (Other)
16 May 2018
Activity: Talks and presentations › Conference presentations

Residual char from gasification integrated in a tar removal system
Ravenni, G. (Guest lecturer), Sárossy, Z. (Guest lecturer), Jesper Ahrenfeldt (Guest lecturer), Henriksen, U. B. (Guest lecturer)
15 May 2018
Activity: Talks and presentations › Conference presentations

A Small-Scale ESP for Reduction of Particulate Matter Emissions from Residential Wood Stoves - Evaluation of Different Discharge Electrodes
Azizaddini, S. (Other), Lin, W. (Lecturer), Illerup, J. B. (Other), Peter Hermansen (Other)
14 May 2018 → 17 May 2018
Activity: Talks and presentations › Conference presentations

6th International Conference on Population Balance Modeling
Mansouri, S. S. (Organizer), Gernaey, K. V. (Organizer)
7 May 2018 → 9 May 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

From Waste to Value: Green Chemical Production in Mixed Microbial Cultures
Junicke, H. (Speaker)
20 Mar 2018 → 22 Mar 2018
Activity: Talks and presentations › Conference presentations
From Waste to Value: Green Chemical Production in Mixed Microbial Cultures
Junikke, H. (Speaker)
20 Mar 2018 → 22 Mar 2018
Activity: Talks and presentations › Conference presentations

Scale-up Modeling of a Pharmaceutical Crystallization Process via Compartmentalization Approach
Öner, M. (Guest lecturer)
19 Jan 2018
Activity: Talks and presentations › Conference presentations

Production of alkali from cocoa husk ash and biological extraction of hydrocolloid from Sargassum sp.
Ale, M. T. (Other)
2017
Activity: Other

Production of alkali from cocoa husk ash for extraction of hydrocolloid from biologically pretreated red seaweed
Ale, M. T. (Other)
2017
Activity: Other

Model-based optimization of a full-scale industrial anaerobic reactor producing biogas
Feldman, H. (Speaker), Flores Alsina, X. (Other), Ramin, P. (Other), Kasper Kjellberg (Other), Ulf Jeppsson (Other), Gernaey, K. V. (Other)
10 Dec 2017 → 13 Dec 2017
Activity: Talks and presentations › Conference presentations

Wood stove combustion
Illerup, J. B. (Lecturer)
23 Nov 2017
Activity: Talks and presentations › Conference presentations

Emulsion Formation for EOR Applications
Arshad, M. W. (Speaker)
14 Nov 2017 → 15 Nov 2017
Activity: Talks and presentations › Conference presentations

Assessment of Syngas Biomethanation by Mixed Microbial Consortia in a Trickle-bed Reactor
Asimakopoulos, K. (Guest lecturer)
5 Nov 2017 → 7 Nov 2017
Activity: Talks and presentations › Conference presentations

Real-time monitoring of a fermentation process: linking yeast morphology to insulin production by image analysis
Pontius, K. (Guest lecturer)
1 Nov 2017
Activity: Talks and presentations › Conference presentations

Scale-up Modeling and Analysis of a Pharmaceutical Crystallization Process
Öner, M. (Guest lecturer)
1 Nov 2017
Activity: Talks and presentations › Conference presentations

Sensitivity Analysis and Optimization Study of Pharmaceutical Crystallization Process
Öner, M. (Guest lecturer)
31 Oct 2017
Activity: Talks and presentations › Conference presentations
CFD application as a tool for designing industrial fermenters
Pereira Rosinha Grundtvig, I. (Speaker), Gernaey, K. V. (Other)
29 Oct 2017 → 1 Nov 2017
Activity: Talks and presentations › Conference presentations

Dynamics of physiological adaptation of Saccharomyces cerevisiae to biomass hydrolysates: a single cell analysis approach.
Lopez, P. C. (Other), Chuen Tao Peng (Other), Nils Arneborg (Other), Eliasson Lantz, A. (Other), Gernaey, K. V. (Other)
29 Oct 2017 → 2 Nov 2017
Activity: Talks and presentations › Conference presentations

Strategy for characterizing microbial physiology across scales in fermentation processes
Nadal Rey, G. (Other), Sjef Cornelissen (Other), Eliasson Lantz, A. (Other), Gernaey, K. V. (Other)
29 Oct 2017
Activity: Talks and presentations › Conference presentations

Modelling Illicit Drug Fate in Sewers for Wastewater-Based Epidemiology
Ramin, P. (Speaker), Mikkelsen, P. S. (Guest lecturer), Plosz, B. G. (Guest lecturer)
26 Oct 2017 → 27 Oct 2017
Activity: Talks and presentations › Conference presentations

Calibration and Validation of an Anaerobic Digestion Model for Process Optimization of an Industrial Granular Sludge Reactor
Feldman, H. (Speaker), Flores Alsina, X. (Other), Ramin, P. (Other), Kasper Kjellberg (Other), Ulf Jeppsson (Guest lecturer), Batstone, D. J. (Guest lecturer), Gernaey, K. V. (Guest lecturer)
17 Oct 2017 → 20 Oct 2017
Activity: Talks and presentations › Conference presentations

Surface characterization of activated chalcopyrite particles via the FLSmidth ROL process. Part 2: Surface spectroscopy investigations
Karcz, A. P. (Guest lecturer)
12 Oct 2017
Activity: Talks and presentations › Conference presentations

Camera Measurements in Cement Kilns – Impact of Alternative Fuels on Kiln Flames
Pedersen, M. N. (Guest lecturer), Mads Nielsen (Guest lecturer), Clausen, S. (Guest lecturer), Jensen, P. A. (Guest lecturer), Lars Skaarup Jensen (Guest lecturer), Dam-Johansen, K. (Guest lecturer)
10 Oct 2017 → 11 Oct 2017
Activity: Talks and presentations › Conference presentations

Combustion of Thermoplastic Particles in Single Particle Combustor
Nakhaei, M. (Speaker)
10 Oct 2017 → 11 Oct 2017
Activity: Talks and presentations › Conference presentations

Pelletization of torrefied biomass: a modelling approach
Puig Arnavat, M. (Speaker), Masche, M. (Speaker), Ahrenfeldt, J. (Speaker), Henriksen, U. B. (Speaker)
10 Oct 2017
Activity: Talks and presentations › Conference presentations

Operational monitoring of phosphate and ammonium for an industrial fermentation process using infrared (IR) and near-infrared (NIR) spectroscopy
Pontius, K. (Speaker)
5 Oct 2017
Activity: Talks and presentations › Conference presentations
Deactivation of a Cu-CHA NH3-SCR Catalyst by SO2 and SO3
Hammershøi, P. S. (Speaker)
4 Oct 2017
Activity: Talks and presentations › Conference presentations

Advanced fabrication of porous ceramic multilayers for membrane applications
Kaiser, A. (Keynote speaker), Zhang, W. (Invited speaker), Pinelo, M. (Invited speaker), Della Negra, M. (Other)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

Application of a computer-aided framework for the design of CO2 capture and utilization processes
Frauzem, R. (Speaker)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

Design of a gas-inducing impeller using Computational Fluid Dynamics
Pereira Rosinha Grundtvig, I. (Guest lecturer), Tim Hybschmann (Other), Gernaey, K. V. (Other), Tore C. Svendsen (Other), Krühne, U. (Other)
1 Oct 2017 → 5 Oct 2017
Activity: Talks and presentations › Conference presentations

Topology optimization as a tool for designing microbioreactors
Pereira Rosinha Grundtvig, I. (Speaker), Daugaard, A. E. (Other), Woodley, J. (Other), Krühne, U. (Other)
1 Oct 2017 → 5 Oct 2017
Activity: Talks and presentations › Conference presentations

10th World Congress of Chemical Engineering (WCCE10)
Frauzem, R. (Organizer)
29 Sep 2017 → 2 Oct 2017
Activity: Attending an event › Participating in or organising a conference

TCbiomass 2017
Stummann, M. Z. (Participant)
19 Sep 2017 → 21 Sep 2017
Activity: Attending an event › Participating in or organising a conference

Influence of Promotor, H2O and H2S on the Hydrodeoxygenation of Biomass Pyrolysis Vapor over MoS2 Catalysts
Dabros, T. M. H. (Guest lecturer)
Aug 2017
Activity: Talks and presentations › Conference presentations

Poster Presentation: "Pre-turbo SCR catalyst for NOx removal on Ships"
Christensen, S. M. (Guest lecturer), Hansen, B. B. (Guest lecturer), Keld Johansen (Guest lecturer), Jensen, A. D. (Guest lecturer)
27 Aug 2017 → 31 Aug 2017
Activity: Talks and presentations › Conference presentations

Density-Functional Theory and Beyond
Karcz, A. P. (Participant), Schumann, M. (Participant)
31 Jul 2017 → 12 Aug 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Influence of Promotor, H2O and H2S on the Hydrodeoxygenation of Biomass Pyrolysis Vapor over MoS2 Catalysts
Dabros, T. M. H. (Guest lecturer), Jensen, A. D. (Guest lecturer)
Jun 2017
Activity: Talks and presentations › Conference presentations
Solvolysis of Lignosulfonate Catalyzed by Supported NiMo
Ghafarnejad Parto, S. (Speaker), Christensen, J. M. (Other), Lars Saaby Pedersen (Other), Esben Taarning (Other), Freddy Tjosás (Other), Jensen, A. D. (Other)
Jun 2017
Activity: Talks and presentations › Conference presentations

13th Coating Science International 2017
Wang, T. (Participant)
26 Jun 2017 → 30 Jun 2017
Activity: Attending an event › Participating in or organising a conference

Drag resistance measurements for newly applied antifouling coatings and welding seams on ship hull surface
Wang, X. (Guest lecturer)
26 Jun 2017 → 30 Jun 2017
Activity: Talks and presentations › Conference presentations

Quantitative analysis of pigment dispersion taking into account the full agglomerate size distribution
Kiil, S. (Lecturer)
26 Jun 2017 → 30 Jun 2017
Activity: Talks and presentations › Conference presentations

Tar Removal from Biomass Producer Gas by Using Biochar
Ravenni, G. (Guest lecturer)
13 Jun 2017
Activity: Talks and presentations › Conference presentations

Deactivation of a Cu-SSZ-13 NH3-SCR Catalyst by SO2 and SO3
Hammershøi, P. S. (Speaker)
8 Jun 2017
Activity: Talks and presentations › Conference presentations

A new association scheme for mono-ethylene glycol within Cubic-Plus-Association equation of state
Kruger, F. (Guest lecturer)
19 May 2017
Activity: Talks and presentations › Conference presentations

Feasibility-test of acomplete autotrophic nitrogen removal process treating the effluent of an industrial anaerobic digester
Feldman, H. (Other), Flores Alsina, X. (Other), Kasper Kjellberg (Other), Blum, J. (Other), Valverde Pérez, B. (Other), Sin, G. (Other), Smets, B. F. (Other), Gernaey, K. V. (Other)
9 May 2017 → 12 May 2017
Activity: Talks and presentations › Conference presentations

Modelling Methane, Sulphide and Multiple Mineral Precipitation in a Full-Scale Industrial Granular Anaerobic Digester
Feldman, H. (Other), Flores Alsina, X. (Other), Kasper Kjellberg (Other), Sin, G. (Other), Gernaey, K. V. (Other)
9 May 2017 → 12 May 2017
Activity: Talks and presentations › Conference presentations

Surface properties and chemistry correlate to the digestibility of biomass following hydrothermal pretreatment at different severities
Djajadi, D. T. (Guest lecturer), Aleksander R. Hansen (Guest lecturer), Anders Jensen (Guest lecturer), Lisbeth G. Thygesen (Guest lecturer), Pinelo, M. (Guest lecturer), Meyer, A. S. (Guest lecturer), Jørgensen, H. (Guest lecturer)
1 May 2017 → 4 May 2017
Activity: Talks and presentations › Conference presentations
Microbial multi modular xylanolytic enzymes in mesophilic anaerobic digesters fed with wastewater treatment sludge
Wilkens, C. (Invited speaker)
21 Apr 2017
Activity: Talks and presentations › Conference presentations

Student Info Meeting
Ale, M. T. (Participant)
2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Safeprops: A Software for Fast and Reliable Estimation of Safety and Environmental Properties for Organic Compounds
Jones, M. N. (Lecturer)
16 Nov 2016
Activity: Talks and presentations › Conference presentations

2016 AIChE Annual Meeting
Frauzem, R. (Speaker)
13 Nov 2016 → 18 Nov 2016
Activity: Talks and presentations › Conference presentations

In-Silico Tailoring Properties of Polylactide
Zubov, A. (Speaker), Sin, G. (Other)
13 Nov 2016 → 18 Nov 2016
Activity: Talks and presentations › Conference presentations

SeaBioGha - Seasonal and spatial variation of seaweed species in Ghana
Ale, M. T. (Other)
7 Nov 2016 → 14 Nov 2016
Activity: Other

EHEDG World Congress on Hygienic Engineering & Design 2016
Yang, J. (Participant)
2 Nov 2016 → 3 Nov 2016
Activity: Attending an event › Participating in or organising a conference

Biorefinery Course 28872: Chemical value of a new raw material - Seaweed
Ale, M. T. (Lecturer)
31 Oct 2016
Activity: Talks and presentations › Conference presentations

Enzymatisk polymerisation anvendt til fremstilling af biobaserede materialer
Daugaard, A. E. (Invited speaker)
26 Oct 2016
Activity: Talks and presentations › Conference presentations

Materias Science and Technology 2016
Karcz, A. P. (Speaker)
26 Oct 2016
Activity: Talks and presentations › Conference presentations

Enzymatisk polymerisation anvendt til fremstilling af biobaserede materialer
Daugaard, A. E. (Invited speaker)
Activity: Talks and presentations › Conference presentations
Materials Science and Technology 2016
Karcz, A. P. (Speaker)
Activity: Talks and presentations › Conference presentations

Model Based Optimization of an Industrial Wastewater Treatment Plant Combining a Full-scale Granular Sludge Reactor and Autotrophic Nitrogen Removal
Feldman, H. (Other), Neda Faraghi Parapari (Other), Sille Bendix Larsen (Other), Kasper Kjellberg (Other), Flores Alsina, X. (Other), Sin, G. (Other), Ulf Jeppsson (Other), Gernaey, K. V. (Other)
Activity: Talks and presentations › Conference presentations

A Biocatalytic Microreactor – Dynamic CFD Modelling and Experimental Analysis
Krühne, U. (Lecturer)
27 Sep 2016
Activity: Talks and presentations › Conference presentations

International Conference on Carbon Dioxide Utilisation 2016
Frauzem, R. (Speaker)
12 Sep 2016
Activity: Talks and presentations › Conference presentations

2nd Computational Fluid Dynamics (CFD) and biomass thermochemical Conversion
Nakhaei, M. (Participant)
9 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

20th Nordic Process Control Workshop
André Fernandes Caroço, R. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

20th Nordic Process Control Workshop
Boiocchi, R. (Speaker)
Activity: Talks and presentations › Conference presentations

Sprout Week: summer school
Strandbygaard, S. K. (Other)
Activity: Other

Catalytic Hydrodeoxygenation of Biomass Pyrolysis Vapor Model Compounds over Molybdenum Sulfide Catalysts: Influence of Support, H2S and Water
Dabros, T. M. H. (Guest lecturer)
Jul 2016
Activity: Talks and presentations › Conference presentations

Ecotechnologies for wastewater treatment 2016
Boiocchi, R. (Speaker)
27 Jul 2016 → 30 Jul 2016
Activity: Talks and presentations › Conference presentations

Novel high dielectric constant hybrid elastomers based on glycerol-in-silicone emulsions
Mazurek, P. S. (Lecturer)
3 Jul 2016 → 7 Jul 2016
Activity: Talks and presentations › Conference presentations
Catalytic Hydrodeoxygenation of Biomass Pyrolysis Vapor Model Compounds over Molybdenum Sulfide Catalysts: Influence of Support, H2S and Water
Dabros, T. M. H. (Guest lecturer)
Jun 2016
Activity: Talks and presentations › Conference presentations

6th International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial Muscles
A Razak, A. H. (Participant)
14 Jun 2016 → 15 Jun 2016
Activity: Attending an event › Participating in or organising a conference

Glycerol as high-permittivity liquid filler in dielectric silicone elastomers
Mazurek, P. S. (Speaker)
14 Jun 2016 → 15 Jun 2016
Activity: Talks and presentations › Conference presentations

26th European Symposium on Computer-Aided Process Engineering
Frauzem, R. (Participant)
12 Jun 2016 → 15 Jun 2016
Activity: Attending an event › Participating in or organising a conference

11th IFAC Symposium on Dynamics and Control of Process Systems Including Biosystems DYCOPS-CAB 2016
Boiocchi, R. (Speaker)
6 Jun 2016 → 8 Jun 2016
Activity: Talks and presentations › Conference presentations

24th European Biomass Conference & Exhibition
Wang, G. (Participant)
6 Jun 2016 → 9 Jun 2016
Activity: Attending an event › Participating in or organising a conference

In- Flame Characterization of a 30 MWth Bio-Dust Flame
Johansen, J. M. (Speaker)
6 Jun 2016
Activity: Talks and presentations › Conference presentations

KT Research Day 2016
A Razak, A. H. (Participant)
27 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Model based monitoring of bioprocessing plants - a solid-liquid extraction example
André Fernandes Caroço, R. (Lecturer)
21 Apr 2016
Activity: Talks and presentations › Conference presentations

Seaweed Biorefinery in Ghana (SeaBioGha) (External organisation)
Ale, M. T. (Participant)
Activity: Membership › Membership of research networks or expert groups

Catalytic liquefaction of lignin to value-added chemicals
Ghafarnejad Parto, S. (Speaker), Christensen, J. M. (Other), Lars Saaby Pedersen (Other), Jensen, A. D. (Other)
26 Jan 2016
Activity: Talks and presentations › Conference presentations
12th PSE and 25th ESCAPE Joint Conference
Mansouri, S. S. (Organizer)
2015
Activity: Attending an event › Participating in or organising a conference

Student Info Meeting
Ale, M. T. (Participant)
2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Annual Polymer Day 2015
A Razak, A. H. (Participant)
27 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Role of Industry in a Transition Towards the Bioeconomy in Relation to Biorefinery
Jørgensen, H. (Lecturer)
26 Nov 2015
Activity: Talks and presentations › Conference presentations

13th Multiphase Flow Conference & Short Course
Yang, J. (Participant)
24 Nov 2015 → 26 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Biorefining of Seaweed Biomass - Biorefinery DTU Course 28872
Ale, M. T. (Lecturer)
24 Nov 2015
Activity: Talks and presentations › Conference presentations

A New Optimization Model for Computer-Aided Molecular Design Problems
Cignitti, S. (Speaker)
9 Nov 2015
Activity: Talks and presentations › Conference presentations

Systematic Computer-Aided Framework for Sustainable Chemical Product Design
Cignitti, S. (Speaker)
9 Nov 2015
Activity: Talks and presentations › Conference presentations

2015 AIChE Annual Meeting
Frauzem, R. (Participant)
8 Nov 2015 → 13 Nov 2015
Activity: Attending an event › Participating in or organising a conference

Biorefining activities in Denmark
Jørgensen, H. (Lecturer)
27 Oct 2015
Activity: Talks and presentations › Conference presentations

Advance Enzyme Technology DTU Course 28247: Extraction of polyphenols from apple using cell wall degrading enzymes
Ale, M. T. (Lecturer)
19 Oct 2015
Activity: Talks and presentations › Conference presentations
Combustion Characterization of Individual Bio-oil Droplets
Hansen, B. B. (Lecturer)
7 Oct 2015
Activity: Talks and presentations › Conference presentations

The Nordic Flame Days 2015
Okoro, S. C. (Speaker)
6 Oct 2015
Activity: Talks and presentations › Conference presentations

The Nordic Flame Days 2015
Wang, G. (Participant)
6 Oct 2015 → 7 Oct 2015
Activity: Attending an event › Participating in or organising a conference

10th European Congress of Chemical Engineering
Frauzem, R. (Participant)
28 Sep 2015 → 29 Sep 2015
Activity: Attending an event › Participating in or organising a conference

A Systematic Computer-Aided Framework for Integrated Design and Control of Chemical Processes
Mansouri, S. S. (Keynote speaker)
28 Sep 2015
Activity: Talks and presentations › Conference presentations

Cignitti, S. (Speaker)
28 Sep 2015
Activity: Talks and presentations › Conference presentations

10th European Congress of Chemical Engineering
Handani, Z. B. (Participant)
27 Sep 2015 → 1 Oct 2015
Activity: Attending an event › Participating in or organising a conference

Training School on Dielectric Elastomer Transducers 2015
Mazurek, P. S. (Participant)
8 Sep 2015 → 10 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

ESNAM training school 2015
A Razak, A. H. (Participant)
7 Sep 2015 → 11 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

4th Summer School of the IMPRS Magdeburg on Process Systems Engineering
Cignitti, S. (Participant)
31 Aug 2015 → 4 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Dynamic Modeling and Optimization of Large Scale Lignocellulosic Biorefineries
Prunescu, R. M. (Invited speaker)
18 Aug 2015
Activity: Talks and presentations › Conference presentations
Gordon Research Seminar on Cellulosomes, Cellulases & Other Carbohydrate Modifying Enzymes
Wilkens, C. (Invited speaker)
1 Aug 2015 → 2 Aug 2015
Activity: Talks and presentations › Conference presentations

Gordon Research Conference on High Temperature Corrosion
Okoro, S. C. (Participant)
25 Jul 2015 → 31 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

9th IWA Symposium on Systems Analysis and Integrated Assessment (Watermatex 2015)
Boiocchi, R. (Speaker)
14 Jun 2015 → 17 Jun 2015
Activity: Talks and presentations › Conference presentations

29th International Conference on Surface Modification Technologies
Okoro, S. C. (Speaker)
11 Jun 2015
Activity: Talks and presentations › Conference presentations

International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial Muscles
Mazurek, P. S. (Participant)
9 Jun 2015 → 10 Jun 2015
Activity: Attending an event › Participating in or organising a conference

International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial Muscles
A Razak, A. H. (Speaker)
9 Jun 2015 → 10 Jun 2015
Activity: Talks and presentations › Conference presentations

Experimental analysis of a solid oxide fuel cell stack coupled with biomass gasification
Gadsbøll, R. Ø. (Speaker)
3 Jun 2015
Activity: Talks and presentations › Conference presentations

Nordic Polymer Days 2015
Mazurek, P. S. (Participant)
1 Jun 2015 → 3 Jun 2015
Activity: Attending an event › Participating in or organising a conference

Nordic Polymer Days 2015
A Razak, A. H. (Speaker)
1 Jun 2015 → 3 Jun 2015
Activity: Talks and presentations › Conference presentations

12th PSE and 25th ESCAPE Joint Conference
Cignitti, S. (Organizer)
31 May 2015 → 4 Jun 2015
Activity: Attending an event › Participating in or organising a conference

12th PSE and 25th ESCAPE Joint Conference
Boiocchi, R. (Participant)
31 May 2015 → 4 Jun 2015
Activity: Attending an event › Participating in or organising a conference
25th European Symposium on Computer Aided Process Engineering
Frauzem, R. (Organizer)
31 May 2015 → 4 Jun 2015
Activity: Attending an event › Participating in or organising a conference

Multivariate analysis of industrial scale fermentation data
Mears, L. (Speaker)
31 May 2015 → 4 Jun 2015
Activity: Talks and presentations › Conference presentations

4th International Congress on Sustainability Science & Engineering
Frauzem, R. (Speaker)
28 May 2015
Activity: Talks and presentations › Conference presentations

4th International Congress on Sustainability Science & Engineering
Handani, Z. B. (Participant)
Activity: Attending an event › Participating in or organising a conference

Application of Multivariate Analysis Tools to Industrial Scale Fermentation Data
Mears, L. (Speaker)
22 Apr 2015 → 24 Apr 2015
Activity: Talks and presentations › Conference presentations

Linear viscoelastic characterization from filament stretching rheometry
Wingstrand, S. L. (Speaker)
16 Apr 2015
Activity: Talks and presentations › Conference presentations

Climate-CAFÉ programme meeting
Mikkelsen, T. N. (Participant)
4 Feb 2015 → 6 Feb 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

19th Nordic Process Control Workshop
Boiocchi, R. (Speaker)
13 Jan 2015 → 16 Jan 2015
Activity: Talks and presentations › Conference presentations

Presentation for Seaweed Biorefinery in Ghana (SeaBioGha) - Danida funded project (External organisation)
Ale, M. T. (Participant)
11 Jan 2015 → 26 Jan 2015
Activity: Membership › Membership of research networks or expert groups

Student Info Meeting
Ale, M. T. (Participant)
2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Annual Polymer Day 2014: Oral presentation
A Razak, A. H. (Speaker)
21 Nov 2014
Activity: Talks and presentations › Conference presentations
2014 AIChE Annual Meeting: American Institute of Chemical Engineers
Frauzem, R. (Speaker)
19 Nov 2014
Activity: Talks and presentations › Conference presentations

Dynamic Simulation, Sensitivity and Uncertainty Analysis of a Demonstration Scale Lignocellulosic Enzymatic Hydrolysis Process
Prunescu, R. M. (Speaker)
16 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Biorefinery DTU Course 28872: Seaweed Biorefinery
Ale, M. T. (Lecturer)
31 Oct 2014
Activity: Talks and presentations › Conference presentations

Climate change and ozone toxicity in plants
Mikkelsen, T. N. (Lecturer)
1 Oct 2014 → 2 Oct 2014
Activity: Talks and presentations › Conference presentations

4th ECLAIRE General Assembly and Annual Meeting
Mikkelsen, T. N. (Participant)
28 Sep 2014 → 30 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Microfluidics in Chemical and Biochemical Engineering Applications
Krühne, U. (Lecturer)
23 Sep 2014
Activity: Talks and presentations › Conference presentations

European Corrosion Congress
Okoro, S. C. (Speaker)
8 Sep 2014 → 12 Sep 2014
Activity: Talks and presentations › Conference presentations

An integrated approach for synthesis and design of process and water/wastewater networks
Handani, Z. B. (Speaker)
23 Aug 2014 → 27 Aug 2014
Activity: Talks and presentations › Conference presentations

The role of oxidative enzymes during enzymatic hydrolysis of lignocellulosic material at industrial conditions
Jørgensen, H. (Lecturer)
22 Jul 2014
Activity: Talks and presentations › Conference presentations

A Comparative Study of Two Full-Scale Swirl Stabilized Bio-Dust Power Plant Flames
Johansen, J. M. (Speaker)
24 Jun 2014
Activity: Talks and presentations › Conference presentations

International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial Muscles
Zakaria, S. B. (Participant)
10 Jun 2014 → 11 Jun 2014
Activity: Attending an event › Participating in or organising a conference
International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial Muscles
A Razak, A. H. (Participant)
10 Jun 2014 → 11 Jun 2014
Activity: Attending an event › Participating in or organising a conference

A free air in situ ozone fumigation system designed for partial plant exposure
Mikkelsen, T. N. (Lecturer)
18 May 2014 → 22 May 2014
Activity: Talks and presentations › Conference presentations

Long term acclimation to elevated CO2 and drought increases the ozone toxicity in plants
Mikkelsen, T. N. (Lecturer)
18 May 2014 → 22 May 2014
Activity: Talks and presentations › Conference presentations

Karakterisering af partikler fra brændeovne, herunder black carbon
Hansen, B. B. (Lecturer)
29 Apr 2014
Activity: Talks and presentations › Conference presentations

Pretreatment for cellulosic ethanol production in the developing world
Thomsen, S. T. (Lecturer)
28 Apr 2014 → 1 May 2014
Activity: Talks and presentations › Conference presentations

Microscopy of Oxidation
Okoro, S. C. (Participant)
14 Apr 2014 → 16 Apr 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

46th American Air pollution workshop
Mikkelsen, T. N. (Speaker)
7 Apr 2014 → 10 Apr 2014
Activity: Talks and presentations › Conference presentations

Local Measurements in Two Full-Scale Swirl Stabilized Bio-Dust Burners: A Parametric Study
Johansen, J. M. (Speaker)
27 Mar 2014
Activity: Talks and presentations › Conference presentations

ESNAM Training School 2014
A Razak, A. H. (Participant)
25 Mar 2014 → 27 Mar 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

BreedFACE
Mikkelsen, T. N. (Invited speaker)
19 Mar 2014
Activity: Talks and presentations › Conference presentations

SPIE Smart Structures/NDE
Zakaria, S. B. (Participant)
9 Mar 2014 → 13 Jun 2014
Activity: Attending an event › Participating in or organising a conference
Recent progress on biofuel commercialization activities in Denmark
Jørgensen, H. (Lecturer)
21 Jan 2014
Activity: Talks and presentations › Conference presentations

Kitasato University Hospital
Ale, M. T. (Visiting researcher)
2013
Activity: Visiting an external institution › Visiting another research institution

Student Info Meeting
Ale, M. T. (Participant)
2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

2nd Symposium on Applied Synthetic Biology in Europe
Guo, Y. (Participant)
25 Nov 2013 → 27 Nov 2013
Activity: Attending an event › Participating in or organising a conference

9th Annual Polymer Day
A Razak, A. H. (Participant)
22 Nov 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

The Electrical Breakdown of Thin Dielectric Elastomers: Thermal Effects
Zakaria, S. B. (Speaker)
22 Nov 2013
Activity: Talks and presentations › Conference presentations

KALIBRERING af IR TERMOMETRE: Betydning af afstand, apertur, opvarmning, IR termometer kvalitet, etc.
Clausen, S. (Invited speaker)
20 Nov 2013
Activity: Talks and presentations › Conference presentations

Advance Enzyme Technology DTU Course 28247: Effect of enzyme on the release of phenolics and rheology of apple mash.
Ale, M. T. (Lecturer)
18 Nov 2013
Activity: Talks and presentations › Conference presentations

Biorefinery DTU Course 28872: Seaweed as a raw material
Ale, M. T. (Lecturer)
8 Nov 2013
Activity: Talks and presentations › Conference presentations

ESNAM Training School on Ionic Artificial Muscles
Mazurek, P. S. (Participant)
29 Oct 2013 → 31 Oct 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

BINARY VLE of DEEA/H2O, MAPA/H2O and DEEA/MAPA SYSTEMS
Arshad, M. W. (Speaker)
5 Jun 2013
Activity: Talks and presentations › Conference presentations
Datalogning: Hvordan aflæser du din Temperatur
Kirkegaard, M. (Lecturer)
4 Jun 2013
Activity: Talks and presentations › Conference presentations

In-Flame Measurements on Full-Scale Swirl Stabilized Bio-Dust Burners at Different Operational Conditions
Johansen, J. M. (Speaker)
3 Jun 2013 → 7 Jun 2013
Activity: Talks and presentations › Conference presentations

8th Danish Conference on Biotechnology and Molecular Biology
Guo, Y. (Participant)
30 May 2013 → 31 May 2013
Activity: Attending an event › Participating in or organising a conference

Increase
Mikkelsen, T. N. (Speaker)
24 May 2013
Activity: Other

4th Laboratory Course on Dielectric Spectroscopy
Mazurek, P. S. (Participant)
20 May 2013 → 24 May 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

A Tool to Support Optimal Industrial Wastewater Treatment Design and Analysis
Gani, R. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

A Tool to Support Optimal Industrial Wastewater Treatment Design and Analysis
Bozkurt, H. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

A Tool to Support Optimal Industrial Wastewater Treatment Design and Analysis
Sin, G. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of future municipal wastewater treatment plants: A mathematical approach to manage complexity and identify optimal solutions
Bozkurt, H. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of future municipal wastewater treatment plants: A mathematical approach to manage complexity and identify optimal solutions
Quaglia, A. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of future municipal wastewater treatment plants: A mathematical approach to manage complexity and identify optimal solutions
Gernaey, K. V. (Lecturer)
Design of future municipal wastewater treatment plants: A mathematical approach to manage complexity and identify optimal solutions
Sin, G. (Lecturer)
24 Apr 2013 → 26 Apr 2013
Activity: Talks and presentations › Conference presentations

Selection and design of solvents
Gani, R. (Lecturer)
21 Apr 2013 → 24 Apr 2013
Activity: Talks and presentations › Conference presentations

Computer-aided modeling framework: a generic template as a modeling tool
Fedorova, M. (Speaker)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Computer-aided modeling framework: a generic template as a modeling tool
Sin, G. (Speaker)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Computer-aided modeling framework: a generic template as a modeling tool
Gani, R. (Speaker)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of a Tank Cleaning Blend through a Systematic Emulsified Product Design Methodology
Kontogeorgis, G. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of a Tank Cleaning Blend through a Systematic Emulsified Product Design Methodology
Mattei, M. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Design of a Tank Cleaning Blend through a Systematic Emulsified Product Design Methodology
Gani, R. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Efficient Information and Data Management in Synthesis and Design of Processing Networks
Sin, G. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Efficient Information and Data Management in Synthesis and Design of Processing Networks
Gani, R. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

Modelling of physical and thermodynamic properties in systems containing edible oils and biodiesel
Cunico, L. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

**Modelling of physical and thermodynamic properties in systems containing edible oils and biodiesel**
Ceriani, R. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

**Modelling of physical and thermodynamic properties in systems containing edible oils and biodiesel**
Gani, R. (Lecturer)
20 Apr 2013 → 25 Apr 2013
Activity: Talks and presentations › Conference presentations

**Kitasato University Hospital**
Ale, M. T. (Visiting researcher)
2012
Activity: Visiting an external institution › Visiting another research institution

**Student Info Meeting**
Ale, M. T. (Participant)
2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Recent advances in CAPE and PSE applicable to the Pharmaceuticals Industry**
Gani, R. (Lecturer)
19 Dec 2012
Activity: Talks and presentations › Conference presentations

**8th Annual Polymer Day**
Vudayagiri, S. (Speaker)
30 Nov 2012
Activity: Talks and presentations › Conference presentations

**Computational Solvent Design for Integrated Chemical Processes**
Gani, R. (Lecturer)
15 Nov 2012 → 16 Nov 2012
Activity: Talks and presentations › Conference presentations

**Advance Enzyme Technology DTU Course 28247: Extraction of polyphenols from apple using enzymes**
Ale, M. T. (Lecturer)
14 Nov 2012
Activity: Talks and presentations › Conference presentations

**Pesticide uptake modeling**
Gani, R. (Lecturer)
7 Nov 2012
Activity: Talks and presentations › Conference presentations

**The Continuous Chromatographic Separation of Molecules/Particles Using Optical Electric Fields**
Javier Alvarez, N. (Speaker)
30 Oct 2012
Activity: Talks and presentations › Conference presentations

**Constant Elongational Stress Measurements of LDPE and PS Using a Filament Stretching Rheometer**
Javier Alvarez, N. (Speaker)
29 Oct 2012
Separation of Macromolecules by Photonic Crystal Defects Chromatography (PCDC)
Javier Alvarez, N. (Speaker)
28 Oct 2012

Biorefinery DTU Course 28872 - Chemical Value of new raw material: ALGAE
Aie, M. T. (Lecturer)
30 Sep 2012

Research at CAPEC
Gani, R. (Lecturer)
27 Sep 2012

Material design and processing – hard competition or great synergy?
Skov, A. L. (Lecturer)
19 Sep 2012

Silicon days
Vudayagiri, S. (Participant)
5 Sep 2012

International Conference on Operations Research
Hansen, K. R. N. (Participant)
2 Sep 2012

The continuous separation of molecules on the basis of their polarizability using optical electric fields
Javier Alvarez, N. (Speaker)
7 Aug 2012

Release of K, Cl, and S during Combustion and Co-Combustion with Wood of High-Chlorine biomass in Bench and Pilot Scale
Johansen, J. M. (Speaker)
31 Jul 2012

Hukkerikar, A. S. (Speaker)
15 Jul 2012 → 19 Jul 2012

25th European Conference on Operations Research
Hansen, K. R. N. (Participant)
10 Jul 2012

8th Coatings Science International
Nørgaard, K. P. (Speaker)
28 Jun 2012
Activity: Talks and presentations › Conference presentations

The continuous separation of molecules on the basis of their polarizability using optical electric fields
Javier Alvarez, N. (Speaker)
19 Jun 2012
Activity: Talks and presentations › Conference presentations

Thermocapillary instability of three immiscible phases flowing through a channel
Javier Alvarez, N. (Speaker)
19 Jun 2012
Activity: Talks and presentations › Conference presentations

49th Nordic Polymer Days 2012
Vudayagiri, S. (Participant)
29 May 2012 → 31 May 2012
Activity: Attending an event › Participating in or organising a conference

Novel applications of microbial transglutaminase as a biocatalyst for benign amide synthesis
Deslauriers, M. G. (Speaker)
18 May 2012
Activity: Talks and presentations › Conference presentations

Enzyme engineering for medical and biocatalytic applications
Deslauriers, M. G. (Speaker)
12 May 2012
Activity: Talks and presentations › Conference presentations

Biorefinery Öresund Conference 'Biorefining from raw material to high value products'
Cheali, P. (Speaker), Gernaey, K. V. (Speaker), Sin, G. (Speaker)
1 May 2012 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Cost Estimation for Early-Stage Synthesis and Design of Biorefinery Networks
Cheali, P. (Other)
1 May 2012 → 30 Apr 2014
Activity: Talks and presentations › Conference presentations

Synthesis and design of hybrid biorefinery systems – a structural optimisation approach and uncertainty analysis
Cheali, P. (Speaker)
1 May 2012 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Uncertainty analysis in raw material and utility cost of biorefinery synthesis and design
Cheali, P. (Other)
1 May 2012 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Process engineering tools to guide implementation and scale-up of transaminase cascades
Tufvesson, P. (Speaker)
13 Apr 2012
Activity: Talks and presentations › Conference presentations

Find the energy – the future is coming
Carter, M. S. (Participant)
19 Mar 2012 → 28 Mar 2012
European Coating
Nørgaard, K. P. (Speaker)
14 Mar 2012
Activity: Talks and presentations › Conference presentations

Kitasato University Hospital
Ale, M. T. (Visiting researcher)
2011
Activity: Visiting an external institution › Visiting another research institution

Microbial transglutaminase; exploration of substrate specificity, and biocatalytic applications
Deslauriers, M. G. (Speaker)
18 Nov 2011
Activity: Talks and presentations › Conference presentations

Post Combustion CCS activities at Center for Energy Resources Engineering: DTU Climate Centre Seminar on CCS
Fosbøl, P. L. (Speaker)
22 Sep 2011
Activity: Talks and presentations › Conference presentations

Student Info Meeting
Ale, M. T. (Participant)
1 Jun 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Poly(ε-caprolactone) – a viable scaffold for design of intriguing nanobiomaterials: Lecture delivered at University Halle-Wittenberg, Germany
Hvilsted, S. (Guest lecturer)
17 May 2011
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

BIT’s 1st Annual Congress of Marine Biotechnology
Ale, M. T. (Speaker)
25 Apr 2011 → 30 Apr 2011
Activity: Talks and presentations › Conference presentations

Building and sustaining an Industrial Consortium – The experience of DTU-CAPEC
Gani, R. (Speaker)
22 Apr 2011
Activity: Talks and presentations › Conference presentations

Managing the Complexity in Product and Process Engineering
Gani, R. (Speaker)
17 Mar 2011
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

CAPEC Overview and Status - 2011
Gani, R. (Speaker)
10 Feb 2011
Activity: Talks and presentations › Conference presentations

CAPEC Overview and Status - 2011
Gani, R. (Invited speaker)
27 Jan 2011
Thermodynamic modeling of sour gas cleaning process with alkanolamine: Oral presentation at the 25th European Symposium on Applied Thermodynamics (ESAT), St.Petersburg, Russia
Sadegh, N. (Speaker)
1 Jan 2011 → ...
Activity: Talks and presentations › Conference presentations

Thermodynamic modeling of sour gas cleaning process with alkanolamine: Oral presentation at the 25th European Symposium on Applied Thermodynamics (ESAT), St.Petersburg, Russia
Kontogeorgis, G. (Speaker)
1 Jan 2011 → ...
Activity: Talks and presentations › Conference presentations

Thermodynamic modeling of sour gas cleaning process with alkanolamine: Presented at (oral presentation) CERE discussion meeting, Hillerød
Sadegh, N. (Speaker)
1 Jan 2011 → ...
Activity: Talks and presentations › Conference presentations

Thermodynamic modeling of sour gas cleaning process with alkanolamine: Presented at (oral presentation) CERE discussion meeting, Hillerød
Kontogeorgis, G. (Speaker)
1 Jan 2011 → ...
Activity: Talks and presentations › Conference presentations

Shafique Bashir, M. (Speaker)
29 Aug 2010 → 3 Sep 2010
Activity: Talks and presentations › Conference presentations

20th International Seaweed Symposium
Ale, M. T. (Participant)
22 Feb 2010 → 26 Feb 2010
Activity: Attending an event › Participating in or organising a conference

Recent Advances in Fermentation Technology
Schäpper, D. (Participant)
8 Nov 2009 → 11 Nov 2009
Activity: Attending an event › Participating in or organising a conference

Recent Advances in Fermentation Technology
Gernaey, K. V. (Participant)
8 Nov 2009 → 11 Nov 2009
Activity: Attending an event › Participating in or organising a conference

4th STIPOMAT Conference
Daugaard, A. E. (Participant)
21 Sep 2008 → 24 Sep 2008
Activity: Attending an event › Participating in or organising a conference

4th STIPOMAT Conference
Hvilsted, S. (Participant)
21 Sep 2008 → 24 Sep 2008
Activity: Attending an event › Participating in or organising a conference
Ionic Liquids: From Knowledge to Application
Vigild, M. E. (Participant)
Activity: Attending an event › Participating in or organising a conference

Nordic Polymer Days 2008
Jankova Atanasova, K. (Participant)
11 Jun 2008 → 13 Jun 2008
Activity: Attending an event › Participating in or organising a conference

Nordic Polymer Days 2008
Vigild, M. E. (Participant)
11 Jun 2008
Activity: Attending an event › Participating in or organising a conference

Ionic Liquids: From Knowledge to Application
Jankova Atanasova, K. (Participant)
1 Jan 2008 → …
Activity: Attending an event › Participating in or organising a conference

Talk about "Hydrophilic Nanoporous Polystyrenes and 1,2-Polybutadienes" presented at Nordic Polymer Days NPD 2008, June 11-13
Guo, F. (Speaker)
1 Jan 2008 → …
Activity: Talks and presentations › Conference presentations

Prizes:

Best Oral Presentation Award
Seyed Soheil Mansouri (Recipient), 7 Jun 2015
Prize: Prizes, scholarships, distinctions

Best Presentation
Seyed Soheil Mansouri (Recipient), 10 Nov 2015
Prize: Prizes, scholarships, distinctions

Idella foundation Research Travel Grant
Edgar Luis Camacho Vergara (Recipient), 29 Jun 2017
Prize: Prizes, scholarships, distinctions

Marie Curie Fellowship
Helena Junicke (Recipient), 15 Nov 2017
Prize: Prizes, scholarships, distinctions

Press clippings:

Lad Autopiloten overtage fyringen i brændeovnen
Jytte Boll Illerup
05/12/2014
1 item of media coverage
Press / Media

Sådan kan intelligent materiale bruges som kunstige muskler
Frederikke Bahrt Madsen
Dielektriske elektroaktive polymerer
Frederikke Bahrt Madsen
03/09/2013
1 media contribution
Press / Media