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Reliable Correlation for Liquid-Liquid Equilibria Outside the Critical Region

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Silicone elastomers with superior softness and dielectric properties
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Comparison of Different Strategies for Selection/Adaptation of Mixed Microbial Cultures Able to Ferment Crude Glycerol Derived from Second-Generation Biodiesel
Publication: Research - peer-review › Journal article – Annual report year: 2015
Complex interplay of future climate levels of CO2, ozone and temperature on susceptibility to fungal diseases in barley
Mikkelsen, B. L., Bagger Jørgensen, R. & Lyngkjær, M. F. 2015 In: Plant Pathology. 64, 2, p. 319-327
Publication: Research - peer-review › Journal article – Annual report year: 2014

Cignitti, S., Zhang, L. & Gani, R. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Computer-aided Framework for Design of Pure, Mixed and Blended Products
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Computer-aided Framework for Design of Pure, Mixed and Blended Products
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Computer-aided Framework for Synthesis, Design and Retrofit of Wastewater Treatment Plants
Publication: Research › Ph.D. thesis – Annual report year: 2015

Computer-aided modelling template: Concept and application
Publication: Research - peer-review › Journal article – Annual report year: 2015

Computer-aided Process Analysis for the Biocatalytic Production of an Antimicrobial Active Chemical
Seita, C. S., Rehdorf, J. & Woodley, J. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Computer-aided tool for solvent selection in pharmaceutical processes: Solvent swap
Papadakis, E., Tula, A., Gernaey, K. V. & Gani, R. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Conceptual framework for model-based analysis of residence time distribution in twin-screw granulation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Continuous Catalytic Hydrodeoxygenation of Guaiacol over Pt/SiO2 and Pt/H-MFI-90
Hellinger, M., Baier, S., Mortensen, P. M., Kleist, W., Jensen, A. D. & Grunwaldt, J-D. 2015 In : Catalysts. 5, 3, p. 1152-1166
Publication: Research - peer-review › Journal article – Annual report year: 2015

Controlled release in hard to access places by poly(methyl methacrylate) microcapsules triggered by gamma irradiation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Control of a post-combustion CO2 capture plant during process start-up and load variations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Control of a post-combustion CO₂ capture plant during process start-up and load variations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Control of Bioprocesses
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Control Structure Design for an EBP2R Process Operated as a Sequencing Batch Reactor
Publication: Research - peer-review › Poster – Annual report year: 2015

Control Structure Design of an Innovative Enhanced Biological Nutrient Recovery Activated Sludge System Coupled with a Photobioreactor
Publication: Research - peer-review › Conference article – Annual report year: 2015

Cubic Plus Association Equation of State for Flow Assurance Projects
Publication: Research - peer-review › Journal article – Annual report year: 2015

Deactivation of SCR catalysts in biomass fired power plants
Publication: Research › Ph.D. thesis – Annual report year: 2015

De danske kraftværkers omstilling fra kul til biomasse
Publication: Research › Journal article – Annual report year: 2015

Densities of Pure Ionic Liquids and Mixtures: Modeling and Data Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2015

Densities of the Binary Systems n-Hexane + n-Decane and n-Hexane + n-Hexadecane up to 60 MPa and 463 K
Regueira , T., Yan, W. & Stenby, E. H. 2015 In : Journal of Chemical and Engineering Data. 60, 12, p. 3631-3645
Publication: Research - peer-review › Journal article – Annual report year: 2015

Design of a process template for amine synthesis
Publication: Research - peer-review › Report – Annual report year: 2014

Design of Elastomer Structure to Facilitate Incorporation of Expanded Graphite in Silicones Without Compromising Electromechanical Integrity
Publication: Research - peer-review › Journal article – Annual report year: 2015

Design of Separation Processes with Ionic Liquids
Dynamic single-cell analysis of Saccharomyces cerevisiae under process perturbation: Comparison of different methods for monitoring the intensity of population heterogeneity
Publication: Research - peer-review › Journal article – Annual report year: 2014

Eco-efficient production of spring barley in a changed climate: A Life Cycle Assessment including primary data from future climate scenarios
Publication: Research - peer-review › Journal article – Annual report year: 2015

Economic Considerations for Selecting an Amine Donor in Biocatalytic Transamination
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effect of Fast Pyrolysis Conditions on Structural Transformation and Reactivity of Herbaceous Biomasses at High Temperatures

Effect of Fast Pyrolysis Conditions on Structural Transformation and Reactivity of Herbaceous Biomasses at High Temperatures

Effect of Fast Pyrolysis Conditions on the Biomass Solid Residues at High Temperatures (1000-1400°C)
Trubetskaya, A., Llamas, A. D. G., Umeki, K., Jensen, P. A., Jensen, A. D. & Glarborg, P. 2015 Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Effect of Fast Pyrolysis Conditions on the Biomass Solid Residues at High Temperatures (1000-1400°C)

Effect of harvest time and field retting duration on the chemical composition, morphology and mechanical properties of hemp fibers
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effect of Hydrogen Bonding on Linear and Nonlinear Rheology of Entangled Polymer Melts
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effect of in situ acids removal on mixed glucose and xylose fermentation by Clostridium tyrobutyricum
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effect of Water Vapor on High-Temperature Corrosion under Conditions Mimicking Biomass Firing
Publication: Research - peer-review › Journal article – Annual report year: 2015
Effects of biofouling development on drag forces of hull coatings for ocean-going ships: a review
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effects of climate extremes on the terrestrial carbon cycle: concepts, processes and potential future impacts
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effects of influent fractionation, kinetics, stoichiometry and mass transfer on CH₄, H₂ and CO₂ production for (plant-wide) modeling of anaerobic digesters
Publication: Research - peer-review › Journal article – Annual report year: 2015

Effects of ionic strength and ion pairing on (plant-wide) modelling of anaerobic digestion
Publication: Research - peer-review › Journal article – Annual report year: 2015

Elucidating Host-Pathogen Interactions Based on Post-Translational Modifications Using Proteomics Approaches
Ravikumar, V., Jers, C. & Mijakovic, I. 2015 In : Frontiers in Microbiology. 6, 7 p., 1312
Publication: Research - peer-review › Journal article – Annual report year: 2015

Enhanced ethanol production by removal of cutin and epicuticular waxes of wheat straw by plasma assisted pretreatment
Publication: Research - peer-review › Journal article – Annual report year: 2015

Enhanced storage permittivity by incorporating PDMS-PEG multiblock copolymers in binary polymer blends
A Razak, A. H. 2015
Publication: Research › Sound/Visual production (digital) – Annual report year: 2016
Entangled Polymer Melts in Extensional Flow - Characterization by Combined Rheology and Small-Angle Neutron Scattering
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Entrained Flow Reactor Test of Potassium Capture by Kaolin
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Enzymatic cellulose oxidation is linked to lignin by long-range electron transfer
Publication: Research - peer-review › Journal article – Annual report year: 2015

Enzymatic polymerization of bio-based monomers for applications in hydrogels and coatings
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Erosion of wind turbine blade coatings - Design and analysis of jet-based laboratory equipment for performance evaluation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Estimation and Uncertainty Analysis of Flammability Properties for Computer-aided molecular design of working fluids for thermodynamic cycles
Frutiger, J., Abildskov, J. & Sin, G. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Estimation and Uncertainty Analysis of Flammability Properties of Chemicals using Group-Construction Property Models
Frutiger, J., Abildskov, J. & Sin, G. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Estimation of long-term drag performance of fouling control coatings using an ocean-placed raft with multiple dynamic rotors
Publication: Research - peer-review › Journal article – Annual report year: 2015

Ethanol Production from Hydrothermally-Treated Biomass from West Africa
Publication: Research - peer-review › Journal article – Annual report year: 2015

Evaluation of an in-line particle imaging tool for monitoring twin-screw granulation performance
Publication: Research - peer-review › Journal article – Annual report year: 2015

Evaluation of Novel Inoculation Strategies for Solid State Anaerobic Digestion of Yam Peelings in Low-Tech Digesters
Heiske, S., Jurgutis, L. & Kádár, Z. 2015 In : Energies. 8, 3, p. 1802-1816
Publication: Research - peer-review › Journal article – Annual report year: 2015

Experimental analysis of a solid oxide fuel cell stack coupled with biomass gasification
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Experimental and in-silico investigation of population heterogeneity in continuous Saccharomyces cerevisiae scale-down fermentation in a novel two-compartment setup.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Experimental investigation of coating degradation during simultaneous acid and erosive particle exposure
Møller, V. B., Dam-Johansen, K., Frankær, S. M. & Kiil, S. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Experimental validation of kinetic inhibitor strength on natural gas hydrate nucleation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Exploring the potential of the glycerol-3-phosphate dehydrogenase 2 (GPD2) promoter for recombinant gene expression in Saccharomyces cerevisiae
Publication: Research - peer-review › Journal article – Annual report year: 2015

Exploring the structure-properties relationships of novel polyamide thin film composite membranes
Publication: Research - peer-review › Poster – Annual report year: 2015

Extending the benchmark simulation model nO2 with processes for nitrous oxide production and side-stream nitrogen removal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Extracurricular scientific production among medical students has increased in the past decade
Publication: Research - peer-review › Journal article – Annual report year: 2015

Fabrication of Nanostructures by Roll-to-Roll Extrusion Coating
Publication: Research - peer-review › Journal article – Annual report year: 2015

Fabrication of scalable and structured tissue engineering scaffolds using water dissolvable sacrificial 3D printed moulds
Publication: Research - peer-review › Journal article – Annual report year: 2015

Fastoxid elektrolyseceller: Store muligheder for integration med fremtidens energisamfund
Duhn, J. D., Jensen, A. D., Wedel, S. & Friis Pedersen, C. F. 2015 In : Dansk Kemi. 96, 10, p. 16-18
Publication: Research › Journal article – Annual report year: 2015

Fine Formation During Brine-Crude Oil-Calcite Interaction in Smart Water Enhanced Oil Recovery for Caspian Carbonates
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Gasification biochar as a valuable by-product for carbon sequestration and soil amendment
Publication: Research - peer-review › Journal article – Annual report year: 2015

Generation of synthetic influent data for performing (micro) pollutant wastewater treatment modelling studies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Generic Mathematical Programming Formulation and Solution for Computer-Aided Molecular Design
Zhang, L., Cignitti, S. & Gani, R. 2015 In : Computers & Chemical Engineering. 78, p. 79-84
Publication: Research - peer-review › Journal article – Annual report year: 2015

Genome and secretome analyses provide insights into keratin decomposition by novel proteases from the non-pathogenic fungus *Onygena corvina*
Publication: Research - peer-review › Journal article – Annual report year: 2015

Genome-wide association study of production and stability traits in barley cultivated under future climate scenarios
Publication: Research - peer-review › Journal article – Annual report year: 2015

Glyoxal Oxidation Mechanism: Implications for the Reactions HCO + O2 and OCHCHO + HO2
Publication: Research - peer-review › Journal article – Annual report year: 2016

Guidelines for development and implementation of biocatalytic P450 processes
Lundemo, M. T. & Woodley, J. 2015 In : Applied Microbiology and Biotechnology. 99, 6, p. 2465-2483
Publication: Research - peer-review › Journal article – Annual report year: 2015

GWAS of Barley Phenotypes Established Under Future Climate Conditions of Elevated Temperature, CO2, O3 and Elevated Temperature and CO2 Combined
Publication: Research - peer-review › Journal article – Annual report year: 2015

High energy density interpenetrating networks from ionic networks and silicone
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

High performance separation of xylose and glucose by enzyme assisted nanofiltration
Publication: Research - peer-review › Journal article – Annual report year: 2015

High-resolution absorption measurements of NH3 at high temperatures: 500–2100cm−1
Publication: Research - peer-review › Journal article – Annual report year: 2015
In situ prebiotics: enzymatic release of galacto-rhamnogalacturonan from potato pulp in vivo in the gastrointestinal tract of the weaning piglet
Publication: Research - peer-review › Journal article – Annual report year: 2015

In situ prebiotics for weaning piglets: In vitro production and fermentation of potato galactorhamnogalacturonan
Publication: Research - peer-review › Journal article – Annual report year: 2014

Integrated Design and Control of Reactive and Non-Reactive Distillation Processes
Mansouri, S. S., Sales-Cruz, M., Huusom, J. K. & Gani, R. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Integrated Process Design and Control of Reactive Distillation Processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Integrated Process Design and Control of Reactive Distillation Processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Integration of oxygen membranes for oxygen production in cement plants
Publication: Research - peer-review › Journal article – Annual report year: 2015

Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Interactions of fines with base fractions of oil and its implication in smart water flooding
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Projects:

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
Project: PhD
Novel catalysts for the oxidation of methanol to formaldehyde
Thrane, J., Jensen, A. D., Hej, 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 → 31/08/2020
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., Kill, S., Dam-Johansen, K. & Erik Weinell, C.
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
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., Eliasson Lantz, A. & Gernaey, K. V.
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 → ...
Project

Advanced modelling, 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., Gani, R. & 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., Gani, R., Dam-Johansen, K., Kontogeorgis, G. & 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 → 14/09/2019
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
Aie, 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., Gani, R., Kontogeorgis, G. & 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 → 31/07/2019
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. & 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 → 31/05/2019
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
da Conceicao Do Camo Montes, F., 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
Grimalt Alemany, A., 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., Eliasson Lantz, A., Gernaey, K. V. & 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 → 30/11/2018
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

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 Foramide Selective Oxidation Catalysts
Raun, K. V., Jensen, A. D. & Hej, 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., Gani, R., 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. & Nordblad, M.
01/09/2015 → 31/08/2018
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
Spann, R., Sin, G., Gernaey, K. V. & Eliasson Lantz, A.
01/08/2015 → 31/07/2018
Project: PhD

Consistant 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. & Nordblad, M.
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., Kiil, S. & Thomsen, K.
01/07/2015 → 30/06/2018
Project: PhD

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 biomass for improving manurebafor enhancing biogas yield from lignocellulosic biomass sed 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., Illerup, J. B. & Jensen, L. S.
15/05/2015 → 14/05/2018
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 → 30/04/2018
Project: PhD

The implementation of anammox in a full-scale industrial waste-water treatment plant
Feldman, H., Gernaey, K. V., Flores Alsina, X. & Sin, G.
01/04/2015 → 31/07/2018
Project: PhD

Anti-stick coatings in the cement and mineral industries
Merk, K. S., Kill, S., Dam-Johansen, K. & Sivebæk, I. M.
Burners for Cement Kilns
01/03/2015 → 30/04/2018
Project: PhD

Modeling of gradients in large scale bioreactors
Bach, C., Gernaey, K. V. & Krühne, U.
01/03/2015 → 12/04/2018
Project: PhD

Fractionation and enzymatic processing of biomass for biorefinery applications
Tristan Djajadi, D., Meyer, A. S., Jørgensen, H. & Pinelo, M.
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 → 31/12/2017
Project: PhD

Enzyme discovery for seaweed processing
Cao, T. T. H., Meyer, A. S., Dalgaaard Mikkelsen, M. & Mikkelsen, J. D.
01/01/2015 → 28/02/2018
Project: PhD

Research of conductive spinning solution in ionic liquid and enzymatic modification cellulose system
Liu, Y., Meyer, A. S., Thomsen, K. & Zhang, S.
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 → 16/03/2018
Project: PhD

NOx reduction in grate-firing solid waste power plants
Jepsen, M. S., Glarborg, P., Jensen, P. A. & Norman, T.
15/12/2014 → 14/12/2017
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 → 16/12/2017
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 → 28/02/2018
Project: PhD

Catalytic Hydro-Liquefaction of Lignin to Value added Chemicals
Ghafarnejad Parto, S., Jensen, A. D., Christensen, J. & Taarning, E.
01/11/2014 → 31/01/2018
Project: PhD

PSMsolubilization of inorganic phosphorus in gasified waste products: optimization of the performance and persistence of biofertilizers in different oil/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
Laxminarayan, Y., Jensen, P. A., Jappe Frandsen, F., Glarborg, P. & Glarborg, P.
15/10/2014 → 14/10/2017
Project: PhD

Characterization of Microbial consortia for keratin degradation processes
Christino Falco, F., Gernaey, K. V. & Eliasson Lantz, A.
01/10/2014 → 01/04/2018
Project: PhD

Sustainable process design with process intensification
Frauzem, R., Gani, R., Woodley, J., Kontogeorgis, G., Bode, A. & Zondervan, E.
01/10/2014 → 14/12/2017
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 → 28/02/2018
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 → 13/10/2017
Project: PhD
Continuous crystallization and filtration of Ective 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 → 30/11/2017
Project: PhD

Model-based interpretation of microbioreactor data
Semenova, D., Gernaey, K. V., Krühne, U. & Zubov, A.
15/08/2014 → 15/02/2018
Project: PhD

Protective Coatings in the Cement and Mineral Industry
15/08/2014 → 02/12/2017
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 → 31/08/2017
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.
01/06/2014 → 20/03/2018
Project: PhD
New Catalysts for Emissions Reduction in diesel Engines
Allen, I. & Jensen, A. D.
01/06/2014 → 31/01/2018
Project: PhD

New fungal endomannanase diversity for mannan containing substrates in bioenergy
01/06/2014 → 07/08/2018
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., Grunwaldt, J. & Høj, M.
01/04/2014 → 28/02/2019
Project

Advanced thermodynamic cycles utilising low-temperature heat sources
01/03/2014 → 25/08/2017
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 → 31/01/2017
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 → 15/05/2017
Project: PhD

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

**Development og 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 → 23/05/2018
**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.  
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**  
Fürster, J., Borodina, I., Stovicck, V., Ögmundarson, O., Rasmussen, B. K., Lis, A. V. & Lohmann, R.  
01/10/2013 → 30/09/2017  
Project: PhD

**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: PhD

**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**  
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 → 05/10/2017
Project: PhD

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
Anantpinjwatna, 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
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/watertreatment networks
Handani, Z. B., Kontogeorgis, G. & Dam-Johansen, K.
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

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 trough Monte Carlo Simulation
15/01/2013 → 26/05/2016
Project: PhD

Lignin processing within biorefining
15/12/2012 → 26/04/2017
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 → 16/06/2016
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
Project: PhD

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
Project: PhD

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

Reactive Separation Technology: Biometric Enzyme Immobilization
Marpani, F. B., Meyer, A. S., Pinelo, M., Christensen, J. M., Jönsson, A. & Pedersen, L. H.
01/11/2012 → 02/05/2016
Project: PhD

Topology optimisation in biocatalytic reactions using miniaturized reactors
01/11/2012 → 20/04/2016
Project: PhD

Enzymatic polishing and modification of lignin
Munk, L., Meyer, A. S. & Mikkelsen, J. D.
01/10/2012 → 05/01/2018
Project: PhD

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

Novel clay/nanocellulose biocomposite films and coatings in the context of packaging applications
01/10/2012 → 20/09/2016
Project: PhD
Simultaneous fast pyrolysis and in situ hydrogenation of lignin to obtain a marine diesel fuel
01/10/2012 → 14/03/2016
Project: PhD

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

Logistics for Energy Crops’ Biomass
Østergård, H.
01/09/2012 → 31/12/2015
Project

Modeling of Salt Solubility/dissolution in waterflooding of Petroleum Reservoirs
Chakravarty, K. H., Thomsen, K., Foebel, P. L., von Solms, N., Tuxen, A. & Zahid, A.
01/09/2012 → 18/08/2016
Project: PhD

Modeling 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 → 16/06/2016
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 → 26/09/2016
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
Bøgh, 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 → 13/05/2015
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., Kærboe, 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 withincreased 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., Damø, 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., Kill, 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., Thomsen, 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
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 → 24/08/2016
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., Bøstrup Stehansen, 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., Kiil, S., Dam-Johansen, K., Leth-Miller, R., Abildskov, J., Flöter, E. & Schafer, O.
01/05/2011 → 27/08/2014
Project: PhD

Symbolic 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


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

Novel greener and lean processes using integrated microfactories
01/03/2011 → 01/03/2014
Project

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., Kil, 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., Kil, 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
Thomsen, S. T., Østergård, H., Kroff, P., SLET - Kádár, Z., Haugaard-Nielsen, H., Björnsson, L. & Skiadas, I. V.
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., Kjærboe, 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 systematic 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 → 28/05/2014
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 forbættring af spildevandsslam
Ottosen, L. M., Jensen, P. E., Kirkelund, G. M., Christensen, I. V. & Damsø, 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
Maribo-Mogensen, 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., Kii, 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., Krühne, 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 → 30/09/2016
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., Ritsager, 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
von 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., Kiørboe, 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., Kill, 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
Hej, M., Jensen, A. D., Elmøe, T. D., Gronvald, 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-Constribustion 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

Brændselsfleksible brændere til cement- og mineralindustri
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

Soddannelse 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., Giarbog, 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 Sustainbale 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
Bejer, 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
Sandersen, 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 Heterogeneous Catalysis
Voss, B., Woodley, J., Grunwaldt, J., Schjædt, 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

Rotérvndesign 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., Jacobsen, 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 residues
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., Grumwaldt, 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
Nanoscopic 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 - Kádár, Z., Meyer, A. S., Girio, F. M. F. & Norddahl, B.
15/09/2007 → 18/04/2012
Project: PhD

Katalytisk syntese af langkædedede alkoholer 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., Hvilsted, 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
Project: PhD

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 Themophilic 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 Heteropolysaccharide 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
Project: PhD

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
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
01/01/2007 → 31/12/2011
Project

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
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
01/04/2006 → 01/09/2010
Project: PhD

In-Situ undersøgelser 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., Kili, 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 Contribution 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**
01/10/2005 → 21/12/2010
Project: PhD

**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. & Skjath-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.
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
Elmøe, 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., Kiil, 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
Narskov, 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 Catalysts 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

Modelling and Design of Chemically Formulated Products
01/11/2004 → 26/06/2008
Project: PhD

Design of an All-Polymer Micro Pump
01/10/2004 → 25/03/2008
Project: PhD

Flashpyrolyse af Halm in Situ
01/09/2004 → 29/08/2008
Project: PhD

History Matching using Stochastic Methods
Johansen, K., Shapiro, A., Stenby, E. H., Michelsen, M. L., Hu, L. Y. & Mosegaard, K.
01/09/2004 → 15/05/2008
Project: PhD

Influence of Formulation in Formation of Enzyme Granules by Spray Drying
01/09/2004 → 28/01/2007
Project: PhD

Preparation of Amphiphilic, Functionalised Copolymers for Coatings, Matrics and Adhesives
01/09/2004 → 01/04/2009
Project: PhD

Produktion af lægemidler
Christensen, H., Kiil, S., Dam-Johansen, K., Nielsen, O., Gernaey, K. V., Buchwald, S. L. & Dancer, R. J.
01/09/2004 → 25/02/2008
Project: PhD
Avanceret Reservoirsimulering
Kristensen, M. R., Stenby, E. H., Michelsen, M. L., Thomsen, P. G., Shapiro, A., Aavatsmark, I. & Saaf, F.
15/08/2004 → 16/05/2008
Project: PhD

Physical Properties of Complex Chemical Systems
Christensen, S., Abildskov, J., Møller, K. B., Martin, M. G. & Schiller, M.
01/08/2004 → 29/08/2008
Project: PhD

Samtidig måling af lydhastighed og elektrisk ledningsevne af sedimenter som funktion af spændingstilstand og væskemætning.
Olsen, C., Fabricius, I. L. & Stenby, E.
01/08/2004 → 01/06/2005
Project

Design af Emulsioner
Egholm, R. D., Szabo, P., Rasmussen, H. K., Harlen, O. G. & Trägårdh, C.
01/07/2004 → 16/05/2008
Project: PhD

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 calcium-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
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 som lavfrikstions 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
01/10/2003 → 20/08/2007
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
**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., Kild, 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 Metaldehyder 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. & Kleinite, 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., Kraslawski, 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 aPorous 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.
Berenblum, 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

Moddelling af ionbytningsprocesser med koncentrerede elektrolytoplæsninger
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 gastrømme
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

Computer Aided Development and Optimization of Chromatographic Separators
Frederiksen, S. S., Mollerup, J., Hansen, E., Michelsen, M. L., Villadsen, J. & Staby, A.
01/03/2001 → 10/11/2004
Project: PhD

A Group Contribution Cubic Equation of State for Paints
01/02/2001 → 22/04/2004
Project: PhD

Petroleum Resiners Kemiske Egenskaber og Vekselvirkninger med Asphaltener i Olie
Garcia, D. M., Ivar Andersen, S., Thomsen, K. & Sjöblom, J. E. G.
01/02/2001 → 12/05/2004
Project: PhD

Reaction Pathway Analysis
Hansen, M. S., Jørgensen, S. B., Villadsen, J., Olsson, L., Diers, I. V. & Sonnleitner, B.
01/02/2001 → 01/05/2007
Project: PhD

Mætningsfordeling og petrofysiske egenskaber i lav-permable Nordø kalkreservoirer
Nielsen, C. M. & Stenby, E. H.
16/11/2000 → 09/12/2005
Project: PhD

Dissolution and Adsorption of Light Hydrocarbons in Drilling Muds, Prediction of the Nature of a Reservoir Fluid Based on Gas Shows
Liege, X. C., Stenby, E. H., Shapiro, A., Fabricius, I. L., Marnat, S. & Øbro, H.
01/10/2000 → 14/07/2006
Project: PhD

Cyklon forvarmerdesign med henblik på emissionsbegrænsning i cementindustrien
Hansen, J. P., Dam-Johansen, K., Jensen, L. S., Wedel, S., Johnsson, J. E., Hansen, P. F. B. & Hupa, M.
01/09/2000 → …
Project: PhD
Fremstilling og test af katalytiske materialer
Mosleh, M., Livbjerg, H., Johannessen, T., Jonsson, G. E., Christensen, K. A. & Christiansen, N.
01/09/2000 → 10/01/2005
Project: PhD

Chuai, C., Lyngaae-Jørgensen, J., Almdal, K., Kjær, E. M. & Pedersen, W. B.
01/09/2000 → 10/09/2003
Project: PhD

Intelligente Kläbere
Hansen, K. K., Hvilsted, S., Almdal, K., Christensen, S. F., Samuelsen, P., Lyngaae-Jørgensen, J., Gedde, U. W. & Rehnberg, N.
01/08/2000 → ...
Project: PhD

Optimal and Reproducible Operation of Batch Processes
Bonné, D., Jørgensen, S. B., Poulsen, N. K., Andersen, H. W. & Bonvin, D.
01/08/2000 → 08/07/2005
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, dynamic 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
Project

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 soddannelse
01/11/1999 → ...
Project: PhD

Modellering af gipsproducerede røggasafsvovlingsanlæg
01/10/1999 → ...
Project: PhD

Thermodynamic insights based integration of process synthesis, design and control
Bek-Pedersen, E., Gani, R., Jørgensen, S. B., Góraek, 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., Art, 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 komposite elektroder i fastoxid - brænselfsele/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 Machinery
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., Fehrmann, 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

Engeneering 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 → ...
Project: PhD

Adsorptive and Chromatographis 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 → …
Project

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
Project

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

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

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

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
Project

Measurements of Various Thermophysical Properties (A.4)
Rasmussen, P.
01/01/1998 → 31/12/1998
Project
Modelling and Optimization of Sugar Crystallization (A.10)
Rasmussen, P.
01/01/1998 → 31/12/1998
Project

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
Project

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

Models for Transport Properties (A.8)
Rasmussen, P.
01/01/1998 → 31/12/1998
Project

Phase Behavior of Asphaltene 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 → …
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 → 05/02/2002
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 → 27/09/2003
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. & Rejel, 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

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

Modellering af ultra- og mikrofiltrerings-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

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

Reduktion af Nox fra kalcinatorsystemer
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 kulbrinteblændinger
Lindeloff, N. & Stenby, E. H.
01/02/1996 → …
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. & Lyngaae-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 → ...
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., Olsson, L., Poulsen, N. K., Brabrand, H. & Hagander, P.
01/09/1995 → 13/03/2002
Project: PhD

Generel Model til gruppebidragsbaseret forudsigelse af faseligevægt af komplekse blandinger
Abildskov, J., Gani, R. & Elbro, H. S.
01/09/1995 → ...
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 opreation
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 → ...
Project: PhD

Modificering og karakterisering af grænseflader i polymer-mineral kompositter
01/07/1995 → ...
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 skummaterialer 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 → …
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 → …
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 skræbevarmeveksler til levnedsmiddelproduktion
Karlson, T., Hassager, O., Adler-Nissen, J. & Sørensen, A.
01/03/1995 → 05/05/1999
Project: PhD

Numerisk simulering af viskoelastisk strømnings
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
Christenssen, I. V., Pettersen, B. W., Bech-Nielsen, G. & Jonsson, G. E.
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 byggematerialers 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 proces 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
Structuring of polymer blends and alloys  
Lyngaae-Jørgensen, J. & Lindquist, M.  
01/07/1994 → 01/07/1998

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

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

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

Uorganiske metalforbindelser i forbrænding og forgasning  
01/04/1994 → ...

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

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

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

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

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

Project
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 bioethanole
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

Metaboiske 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
Mollerup, 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
Fehrmann, R., Eriksen, K. M., Berg, R. W., Holten, B. F., Nielsen, K., Rasmussen, S. B., Mattsson, R. C., Barfod, R.,
Riisager, A., Boghosian, S., Hatem, G., Gaune-Escard, M., Balzhinimaev, B., Lapina, O., Winnick, J., Oehlers, C.,
Schoubye, P., Topsøe, N. Y., Hyltoft, J., Thorhauge, M., Gabrielson, P., Teunissen, H., Møller, P. J., Chorkendorff, I. &
Hjortkjær, J.
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.
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
Project: PhD

Hydropilt bærematerial til kemisk fastfasesynthese.
Winther, L. & Kops, J.
01/06/1992 → 29/06/1995
Project: PhD

Rhodiumkomplexkatalyseret reduktiv 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 → …
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
**Modelling of growth and product formation in fermentation of filamentous fungi**
Carlsen, M. & Villadsen, J.
01/02/1992 → ...
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 → ...
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. & Klitgaard, 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 ammoniakanlæg**
Bossen, B. S., Gani, R., Christiansen, L. J., Gravesen, P. & Villadsen, J.
01/04/1991 → ...
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. & Klitgaard, J.
01/02/1990 → 13/06/1996
Project: PhD

Biological removal of Phophorus 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
Konzentrations- og temperaturmålinger i fyrum 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
Møllerup, 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 asphaltenes
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:

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

Wood stove combustion
Illerup, J. B. (Lecturer)
23 Nov 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)
Combustion of Thermoplastic Particles in Single Particle Combustor
Nakhaei, M. (Speaker)
10 Oct 2017 → 11 Oct 2017
Activity: Talks and presentations › Conference presentations

Deactivation of a Cu-CHA NH$_3$-SCR Catalyst by SO$_2$ and SO$_3$
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

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, H$_2$O and H$_2$S 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, H$_2$O and H$_2$S 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

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

Surface properties and chemistry correlate to the digestibility of biomass following hydrothermal pretreatment at different severities
Tristan Djajadi, D. (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

SeeBioGha - 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

Materials 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

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
European Biomass Conference & Exhibition (EUBCE) 2016
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-CAFE 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)
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
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

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

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
Activity: Talks and presentations › Conference presentations

Separation of Macromolecules by Photonic Crystal Defects Chromatography (PCDC)
Javier Alvarez, N. (Speaker)
28 Oct 2012
Activity: Talks and presentations › Conference presentations

Biorefinery DTU Course 28872 - Chemical Value of new raw material: ALGAE
Ale, M. T. (Lecturer)
30 Sep 2012
Activity: Talks and presentations › Conference presentations

Research at CAPEC
Gani, R. (Lecturer)
27 Sep 2012
Activity: Talks and presentations › Conference presentations

Material design and processing – hard competition or great synergy?
Skov, A. L. (Lecturer)
19 Sep 2012
Activity: Talks and presentations › Conference presentations
Silicon days  
Vudayagiri, S. (Participant)  
5 Sep 2012  
Activity: Attending an event › Participating in or organising a conference

International Conference on Operations Research  
Hansen, K. R. N. (Participant)  
2 Sep 2012  
Activity: Attending an event › Participating in or organising a conference

The continuous separation of molecules on the basis of their polarizability using optical electric fields  
Javier Alvarez, N. (Speaker)  
7 Aug 2012  
Activity: Talks and presentations › Conference presentations

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  
Activity: Talks and presentations › Conference presentations

Hukkerikar, A. S. (Speaker)  
15 Jul 2012 → 19 Jul 2012  
Activity: Talks and presentations › Conference presentations

25th European Conference on Operations Research  
Hansen, K. R. N. (Participant)  
10 Jul 2012  
Activity: Attending an event › Participating in or organising a conference

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
Activity: Other

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
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

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: Oral presentation at the 25th European SYmposium on Applied Thermodynamics (ESAT), St. Petersburg, Russia
Thomsen, K. (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

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

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

**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
10/09/2013
1 media contribution
Press / Media

**Dielektriske elektroaktive polymerer**
Frederikke Bahrt Madsen
03/09/2013
1 media contribution
Press / Media