Research outputs:

**Leveling kinetics of coatings with solvent evaporation and non-Newtonian rheology**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Leveling measurements of antifouling coatings using an optical profilometer: Effects of additives and solvent concentration and type**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**New Developments in Coatings for Extended Lifetime for Offshore Wind Structures**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

**Coatings under insulation – what is the right solution**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

**The Effect of Substrate Topography on Coating Cathodic Delamination**
Erik Weinell, C., Sørensen, P. A. & Kiil, S., 2011, In : Materials Performance. 50, 10, p. 32-36
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

**Cathodic delamination: Quantification of ionic transport rates along coating-steel interfaces**
Research output: Contribution to journal › Review – Annual report year: 2010 › Research › peer-review

**Effektiv rustbeskyttelse med zinkholdig maling**
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

**Advancements in high performance zinc epoxy coatings**
Research output: Contribution to conference › Paper – Annual report year: 2009 › Research › peer-review

**Anticorrosive coatings: a review**
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Effektive korrosionshindrende malinger**
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Influence of substrate topography on cathodic delamination of anticorrosive coatings**
Coating compositions comprising bismuth-alloyed zinc

Non-destructive determination of rust creep
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research

Accelerated testing: faster development of protective coatings
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research

Adhesion between coating layers based on epoxy and silicone
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research

Advancement in zinc rich epoxy primers for corrosion protection
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research

Anti-fouling silicone elastomers for offshore structures
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research

Dissolution rate measurements of sea water soluble pigments for antifouling paints: ZnO
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Effects of marine microbial biofilms on the biocide release rate from antifouling paints – A model-based analysis
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Fouling Release: biocidfrf bundmaling
Erik Weinell, C., 2006, In : Dansk Kemi. 87, 4
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Marine biofouling protection: design of controlled release antifouling paints, in Chemical Product Design: toward a perspective through case stories
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2006 › Research

Mathematical Modeling of Tin-Free Chemically-Active Antifouling Paint Behavior
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research

Parametric Study of Tin-Free Antifouling Model Paint Behavior Using Rotary Experiments
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research
Single-particle behaviour in circulating fluidized beds
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Single particle behaviour in circulating fluidized bed combustors

Hydrogen Chloride Reaction with Lime and Limestone: Kinetics and Sorption Capacity
Research output: Contribution to journal › Journal article – Annual report year: 1992 › Research › peer-review

Single Particle Behavior in Circulating Fluidized Beds
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1992 › Research › peer-review

Influence of additives on selective noncatalytic reduction of nitric oxide with ammonia in circulating fluidized bed boilers
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research › peer-review

Projects:

Recycling of waste from coating industry
Qi, C., Dam-Johansen, K., Erik Weinell, C. & Wu, H.
01/04/2019 → 31/03/2022
Project: PhD

Quantification of internal stress in thermoset coatings
Li, Q., Kiil, S. & Erik Weinell, C.
15/02/2019 → 14/02/2022
Project: PhD

Role of Additives on Corrosion Protection of Metals by Organic Coatings
Lamprakou, Z., Dam-Johansen, K., Bi, H. ( & Erik Weinell, C.
01/02/2019 → 31/01/2022
Project: PhD

Coating Degradation Detection and Monitoring under Marine Conditions
Ortie, N. S., Dam-Johansen, K., Bi, H. (. & Erik Weinell, C.
01/12/2018 → 30/11/2021
Project: PhD

Anticorrosive coatings and pigments engineering
Sedaghat Nezhad, S., Kiil, S., Dam-Johansen, K. & Erik Weinell, C.
Samfinansieret - Andet
01/09/2017 → 31/08/2020
Project: PhD

Coating interlayer adhesion loss
Wang, T., Kiil, S., Dam-Johansen, K. & Erik Weinell, C.
Samfinansieret - Andet
Single particle behavior in circulating fluidized bed combustors
Erik Weinell, C. & Sander, B.
Nordisk finansiering - SU
Project: PhD

Low friction non-fouling coatings for high fuel efficiency at reduced speed
Offentlig finansiering
01/08/2015 → 12/11/2018
Project: PhD

Thermochemical Conversion of Biomass
Samfinansieret - Andet
01/08/2015 → 30/09/2018
Project: PhD

Self cleaning paint: Introduction of Photocatalytic Particles into a Paint System
ErhvervsPhD-ordningen VTU
01/04/2008 → 02/05/2012
Project: PhD

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

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

Gas-Solid reactions and reactor systems
1/3 DTU-stip, 2/3 FUR/andet
01/12/2012 → 26/05/2016
Project: PhD

High-Performance Anticorrosive Coatings
Sørensen, P. A., Kill, S., Dam-Johansen, K., Erik Weinell, C., Jappe Frandsen, F., Gelling, V. J. & Grisen, G.
DTU-lønnet stipendie
01/02/2007 → 04/06/2010
Project: PhD