

Valg av masteroppgaver våren 2009

1. Katalyse og petrokjemi

Anders Holmen

Høyen, Ragnhild	Catalyst Systems for the Fischer-Tropsch Synthesis
Storsæter, Kathrine	Optimization of the Polymerization Process at the Mongstad Refinery

Edd A. Blekkan

Biørn, Inger Lise	Characterization of Products from Conversion of Heavy Oils
Trehjørningen, Kristin Rem	Biomass Gasification
Vera Lozada, Rafael Daniel	Characterization of Crude Oils according to Corrosivity using the Fe Powder test and TAN

De Chen

Zhang, Xi	Design, Synthesis and Characterization of Bimetallic Catalysts
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Rønning, Magnus

Windstad, Elisabeth	Advanced Characterization of Fischer-Tropsch Catalysts
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2. Kolloid- og polymerkjemi

Johan Sjöblom

Aulie, Martin Håkon	Stability of SiC Suspensions
Gran, Håvard Foss	Solubility and Partitioning of Isolater ARN Acids and Calcium Naphthenate in Oil/Water Systems
Nenningsland, Andreas Lyng	Extraction and Characterization of Bases Present in Crude Oil

3. Prosess-systemteknikk

Sigurd Skogestad

Pérez Aguilera, Luber Carlui	Optimal Operation of a LNG plant
Tuvnes, Henrik Johan	Optimization of Production Line for Contrast Agent
Tørneng, Eirik Fatnes	Stabilization of Two-phase Flow with Parallel Branches

Heinz Preisig

Vik, Camilla Berge	Design of a Computing Course
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4. Miljø- og Reaktorteknologi

Hallvard Svendsen

Jonassen, Øystein	VLE Equilibria in Absorbent Systems
Lin, Yi	Droplet-Droplet Collision under Different Pressure

Hugo A. Jakobsen

Solsvik, Jannike	Numerical Analysis of Multicomponent Mass Diffusion in Catalyst Pellets for Combustion with and without CO ₂ Capture
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May-Britt Hägg

Enaasen, Nina	Introduction of Membrane Separation at Tjeldbergodden for Better Utilization of the Natural Gas
Johansen, Hege Døvle	Fouling of Osmotic Membranes
Kalstad, Tone	Subsea Process Systems for Gas-Liquid Separation II
Løvold, Ane Dyb	Separation of Oxygen from Gas by Carbon Membranes
Røsting, Kristine	Subsea Process Systems for Gas-Liquid Separation I

Magne Hillestad

Bjarnes, Kirsti	A Discussion of Separation Equipment vs Fluid Velocity
Mæhle, Inger Roksvåg	Deactivation Modeling and Verification of Model for Methanol Synthesis

	Catalyst
Jens-Petter Andreassen	
Bergstedt, Elin	Scale Formation and Bulk Precipitation of Calcium Ca-bonate in the Presence of Scale Inhibitor
Kolås, Kjersti Blytt-Tøsdal	Absorption Kinetics and Solids Crystallizaton during Capture of CO ₂ in Ammonium Solutions
Dick Malthe-Sørensen	
Heskestad, Rita	Stability of Sperolite Crystals in Crystallization Prosesses, Consequence of Crystallizaton Parameters on Morphology and Filtration Properties
6. Treforedling	
Størker Moe	
Sjulstad, Johanne Schjellungen	Characterisation of Fractionated Lignosulfonate from Nonwoods

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