

Valg av masteroppgaver våren 2008

1. Katalyse og petrokjemi	
Anders Holmen	
Frøseth, Fredrik	Partial oxidation of methane over mixed metal oxides
Tveten, Erik Zakarias	Studies of alumina based cobalt Fischer-Tropsch catalysts
Edd A. Blekkan	
Elde, Ingrid Elise	Model studies of inhibition of hydrotreating catalysts
Husås, Ranveig	Characterization of asphaltenes and maltenes in feed and product oil samples from a pilot plant for heavy oil upgrading
Parra, Jacobo Manuel Salamanca	Steam Reforming of Glycerol
De Chen	
Beinset, Morten	Hydrogen production from sorption enhanced reforming
Fagerbekk, Siri Albertsen	New solid acceptors for CO ₂ capture
Zhu, Ye	3-D carbon nanotube architectures for nanofiltration
Venvik, Hilde	
Jøndahl, Mari	Microstructured membrane reactor for production of hydrogen by methanol steam reforming
Machado Miguens, Andrea Carolina	Methanol Synthesis in Microchannel Reactor
2. Kolloid- og polymerkjemi	
Johan Sjöblom	
Braathen, Bjarne	Wax deposition in crude oil systems
Spets, Øyvind	Electrocoalescence II
Glomm, Wilhelm	
Opedal, Nils	Synthesis of metallic nano-structures
Gisle Øye	
Kleppa, Gøril	Synthesis of nanostructured supports for the Fischer-Tropsch catalyst
Knudsen, Agnethe	Synthesis of nanostructured monoliths for the Fischer-Tropsch catalyst
Lie, Marianne	Advanced characterization of particles in produced water
Aarhoug, Kristin	Characterisation of oil in produced water
3. Prosess-systemteknikk	
Sigurd Skogestad	
Ellingsen, Christian	Automatic diabetes control
Fahadi, Jalal	Dynamic simulation for improved operation of the Snøhvit CO ₂ -removal section
Pettersen, Tone Sejnæs	Dynamic modelling and control of off-shore process, including water treatment, with emphasis on minimizing emission
Smedsrud, Helge	Dynamic model and control of Brobekk incineration plant
Theogene, Uwarwema	Use of dynamic degrees of freedom for tighter bottleneck control and maximum throughput

4. Reaktorteknologi	
Hallvard Svendsen	
Hugo A. Jakobsen	
5. Separasjon og miljøteknikk	
May-Britt Hägg	
Hasanbegovic, Nedim	Evaluation of production pathways of Fischer-Tropsch diesel for alternative energy Sources
Haukebø, Siv Hustad	Production and characterization of selective hollow fiber membrane for CO ₂ capture
Lavall Lambert, Maria	Testing and analysis of suitable membranes for osmotic power
Skog, Tom-Gøran	Durability of membrane material when exposed to impurities and higher hydrocarbons in natural gas
Skogestad, Hanne	Engineering membrane selectivity for CO ₂ separation
Jens-Petter Andreassen	
Fostenes, Siv Monica	The effect of scaling inhibitors on the precipitation of calcium carbonate in solutions of ethylene glycol and water
Evensen, Trond	Kinetics of crystal growth of gas hydrates in flowing systems
Fævelen, Erlend Schou	Kinetics of nucleation and crystal growth of calcium carbonate in mixtures of mono ethylene glycol and water
Vatneberg, Stine V.	Scaling of calcium carbonate on metal surfaces in mixtures of mono ethylene glycol and water
6. Treforedling	
Øyvind W. Gregersen	