

Frontiers in Environmental Catalysis

September 24, 2015

- 9:30 *The Competence Centre for Catalysis – The First 20 Years*
Magnus Skoglundh, Chalmers,
- 10.00 *Progress and Challenges in Automotive Emissions Control*
Galen Fisher, University of Michigan
- 10.30 *Exhaust Aftertreatment for Heavy Duty Diesel Engines*
– Current Trends and Future Challenges
Jonas Jansson, AB Volvo
- 11.00 **Coffee**
- 11.30 *Electron Microscopy Advances for Catalysis*
Stig Helveg, Haldor Topsøe
- 12:00 *Studies of Aging Mechanisms for NH₃-SCR Catalysts using Experiments and Kinetic Modelling*
Louise Olsson, Chalmers
- 12.30 **Lunch**
- 13.30 *Fundamental X-ray Studies of Catalytic Reactions*
Anders Nilsson, Stockholm University
- 14.00 *Studies of Catalysts at Work*
Per-Anders Carlsson, Chalmers
- 14:30 *Catalysis from First-Principles Calculations*
Henrik Grönbeck, Chalmers
- 15.00 **Coffee**
- 15.30 *From Fundamental Surface Science to New Electro-Catalysts for Fuel Cells*
Ib Chorkendorff, Technical University of Denmark
- 16.00 *Catalyst Materials for Low-Temperature PEM Fuel Cells*
Björn Wickman, Chalmers
- 16.30 *Syngas to Gasoline: From Tree to Tank – The Demonstration of a Fully Integrated Biogasoline Plant*
Finn Joensen, Haldor Topsøe
- 17.00 *The Impact of KCK from an Industrial Perspective*
Pär Gabrielsson, Haldor Topsøe
- 17.15 **Poster Session**
- 18.30 **Symposium Dinner**