

Faggruppe for katalyse – Norsk Kjemisk Selskap

# KATALYSESYMPOSIUM 2007

Årsmøte i faggruppen for katalyse  
Årsmøte i KOSK (katalysedelen)

Forskningsparken, Oslo 23. og 24. oktober 2007

## PROGRAM

## OG

## DELTAGERLISTE



Norges Forskningsråd



**Time**            **Tuesday, October 23 2007**

- 10.30            Welcome – Knut Thorshaug/Stian Svelle
- 10.40            Unni Olsbye – University of Oslo  
*Innovative Natural Gas Processes and Products (inGAP)*
- 11.00            Jasmina Hafizovic – University of Oslo/SINTEF Materials and Chemistry  
*The inconsistency in measured and expected adsorption properties of metal-organic frameworks, exemplified by MOF-5*
- 11.20            Pascal Dietzel – SINTEF Materials and Chemistry  
*Characterization of microporous coordination polymers with accessible metal sites*
- 11.40            Kai Chung Szeto – University of Oslo  
*Synthesis of metal-organic frameworks: materials with potential applications in catalysis*
- 12.00            **LUNCH**
- 13.00            Vebjørn Bakken – University of Oslo  
*Theoretical investigation of the structural and chemical properties of cobalt/rhenium-clusters*
- 13.20            Jianmin Xiong – Norwegian University of Science and Technology  
*Supported mono-dispersed cobalt catalysts for Fischer-Tropsch synthesis and its imposing future*
- 13.40            Vidar R. Jensen – University of Bergen  
*Activity of rhodium-catalyzed hydroformylation: Added insight and predictions from theory*
- 14.00            Giovanni Occhipinti – University of Bergen  
*Theory-assisted development of catalysts for olefin metathesis*
- 14.20            **COFFEE BREAK**
- 14.40            Astrid Lervik Mejdell – Norwegian University of Science and Technology  
*Heat treatment in air of Pd/Ag membranes for hydrogen separation*
- 15.00            Silje Fosse Håkonsen – Norwegian University of Science and Technology  
*The production of ethene via oxidative dehydrogenation of ethane over monolithic catalysts at short contact time*
- 15.20            Reiner Anwander – University of Bergen  
*Stereoregular isoprene polymerization by rare-earth metal half-sandwich complexes*
- 15.40            Christian Mermann – University of Bergen  
*Active species in lanthanide(III) binary Ziegler mixed catalysts*

**Time**                    **Wednesday, October 24 2007**

09.00                    Jacob A. Moulijn – TU Delft  
*Plenary lecture*

10.00                    **COFFEE BREAK**

10.20                    Francesca Bleken – University of Oslo  
*Conversion of methanol to hydrocarbons over H-SAPO-34 and high silica Chabazite (H-SSZ-13)*

10.40                    Matam Santosh Kumar – Norwegian University of Science and Technology  
*Dehydrogenation of propane over platinum catalysts: New insights by microscopic studies*

11.00                    Anastasia Virnovskaia – University of Oslo  
*Investigation of the active sites in Pt,Sn/Mg(Al)O ethane dehydrogenation catalysts by catalytic testing, in situ XPS and IR spectroscopy*

11.20                    **COFFEE BREAK**

11.40                    Einar Uggerud – University of Oslo  
*Reactions of platinum clusters*

12.00                    Richard H. Heyn – SINTEF Materials and Chemistry  
*Platinum chemistry related to the activation and functionalization of alkane C-H bonds*

12.20                    Federica Mudu – University of Oslo  
*Low temperature, anaerobic catalytic partial oxidation of methane to syngas*

12.40                    Bjørnar Arstad – SINTEF Materials and Chemistry  
*Sorbent enhanced steam methane reforming. Concepts and reactors*

13.00                    Closing remarks – Knut Thorshaug/Stian Svelle

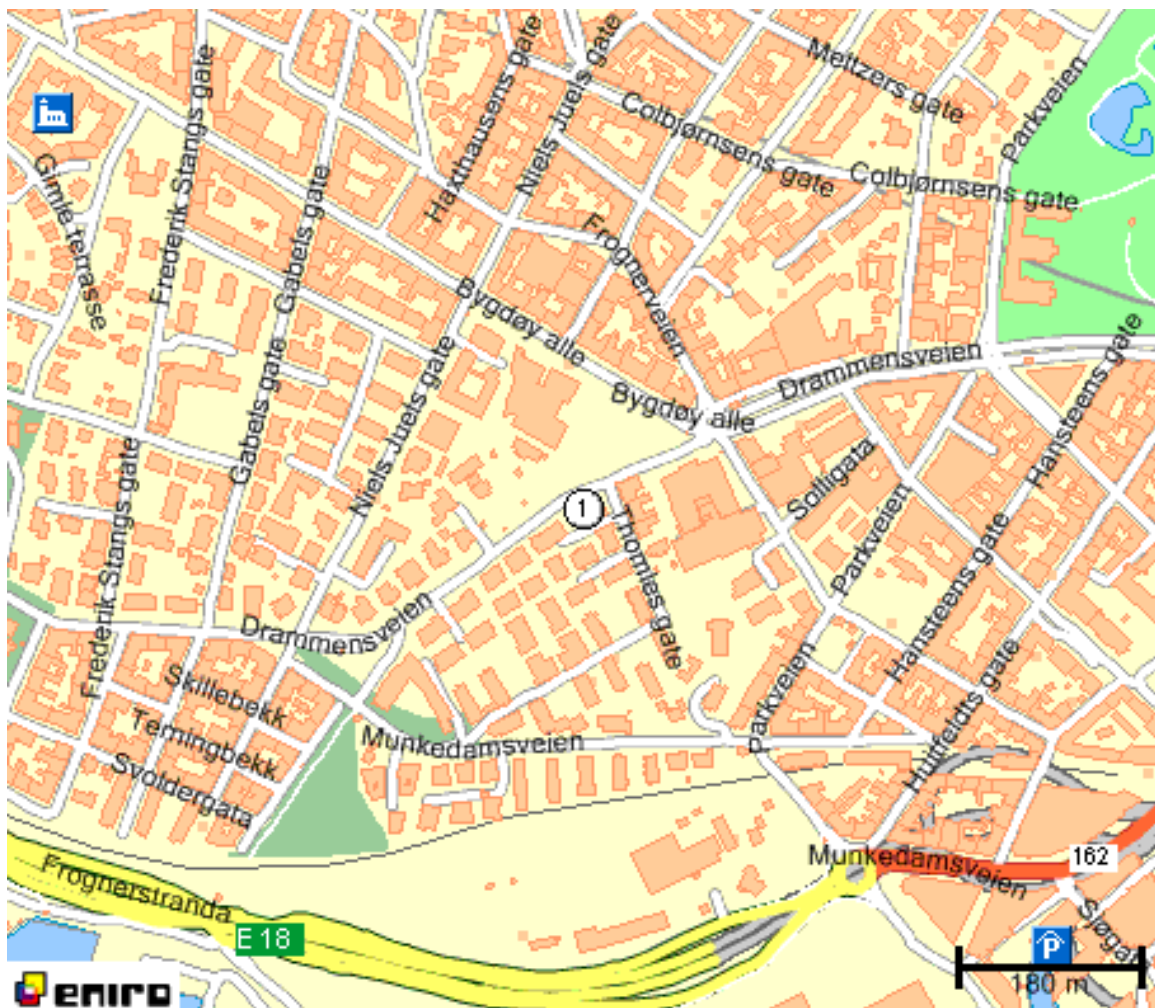
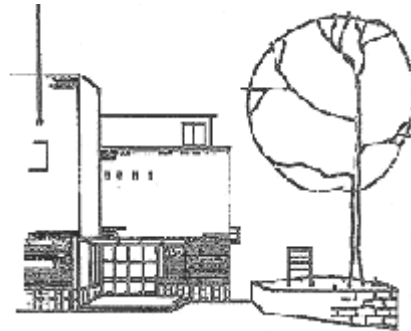
# SYMPOSIUM DINNER

The symposium dinner will be arranged at SELSKAPSLOKALER in Drammensveien 44 Tuesday October 23 at 19.30

SELSKAPSLOKALER

## DRAMMENSVEIEN 44 AS

**About the venue:** "We offer elegant, historical surroundings and excellent service with food prepared by our award winning chef Agnar Gjestad. The building in Drammensveien close to Solli plass was designed by architects Thorvald and Henning Astrup in a functionalistic style typical of the 1930s."



# SYMPOSIUM VENUE

## From Gardermoen airport:

Take the bus marked "Røa/Bekkestua"  
Disembark at "Rikshospitalet"  
Cross Ring 3 and follow "Forskningsveien"

## By subway (T-bane) from Majorstua:

Lines 3, 4, or 5 to stations "Blindern" or "Forskningsparken"

## By tram:

Lines 17 or 18 to station "Forskningsparken"

## By car:

Follow Ring 3 and take the exit marked by roadsigs to "Rikshospitalet". Then follow roadsigs to "Forskningsparken". If arriving from Kirkeveien/Ring 2, take the exit marked by roadsigs to "Universitetet" (Blindernveien) and drive through the University campus.

