

Norsk Kjemisk Selskaps Katalysegruppe

Katalysesymposium og Årsmøte

i Sandefjord 25/26 oktober 1999

Rica Park Hotel Sandefjord

Tel: 33 44 74 00

Fax: 33 44 75 00

Programmet

25. oktober

18:00-20:00

Postersesjon:

B. Arstad and S. Kolboe, "Conversion of linear butenes in the absence and presence of methanol over acidic zeolite catalyst H-ZSM-5"

S. Svelle and S. Kolboe, "Conversion of linear butenes in the absence and presence of methanol over acidic zeolite catalyst H-ZSM-5"

M. Bjørgen and S. Kolboe, "Conversion of Methanol over dealuminated H-beta"

Fahmi, "Adsorbate induced surface relaxations: Pt(111)-p(2x2)-N and Mo(111)-(1x1)-3H"

E. Karlsen et al., "Catalytic Decomposition of N₂O with O₂- Sites on Metal Oxides - A Theoretical Study"

U. Olsbye, E. M. Myhrvold, Å. Slagtern and I. M. Dahl, "The gas phase chlorination of ethane"

P. O. Rønning, Ø. Mikkelsen and S. Kolboe, "Effect of Co-feeding light alkanes on the conversion of methanol to hydrocarbons over zeolites and H-ZSM-5 and H-mordenite"

20:00

Middag

26 oktober:

Åpning av symposiet - U. Olsbye

08:30- 09:30

R. van Santen, "Synergy between Theory and Experiment in Catalysis"

- 09:30 - 09:55 **H. Heiberg**, O. Swang and O. Gropen, "CH₄ Activation by Pt(II) Complexes with bidental nitrogen ligands"
- 09:55 - 10:20 **Ø. Espelid** and K. J. Børve, "Theoretical Models of Polymerization of Ethylene over a Phillips Catalyst"
- 10:20 - 10:35 Kaf fe
- 10:35 - 11:20 **L. G.M. Pettersson**, "Metal Oxides: O(2-) Chemistry and Dynamical Effects on Oxide Reactivity "
- 11:20 - 11:45 **M. Sjøvoll**, A. Fahmi, O. Swang and K. Schöffel., "Beyond the cluster approximation: A QM-MM approach for modelling heterogeneous catalysis"
- 12:00 - 12:45 Lunsj
- 13:00 - 13:30 R. Lødeng, **O.A. Rokstad** and O.T. Onsager, "Isomerisering av n-butan katalystert av supersyre"
- 13:30 - 14:00 Ø. Mikkelsen, P.O. Rønning and **S. Kolboe**, "Use of isotopic labeling for mechanistic studies of the methanol-to-hydrocarbons reaction. Methylation of toluene with methanol over H-ZSM-5, H-mordenite and H-beta"
- 14:00 - 14:45 **A.-M. Hilmen**, E. Bergene, A. Lindvåg, D. Schanke, S. Eri and A. Holmen, "Fischer-Tropsch synthesis using monolithic catalysts"
- 14:45 - 15:15 Kaffe
- 15:15 - 15:45 **F. Courivaud**, E. W. Hansen, A. Karlsson, S. Kolboe and M. Stöcker, "Influence of the surface properties and the pore filling on the diffusion of n-hexane in MCM-41 studied by Pulsed Field Gradient NMR"
- 15:45 - 16:30 **R. Wendelbo**, "Combinatorial approaches to hydrothermal synthesis"
- 16:30 - 16:45 Oppsummering - U. Olsbye

Praktiske opplysninger:

Vi har bestilt en 3-retters middag pluss 1/3 fl. vin og 1 gl. Sherry. Middagen koster NOK 500/p. Dette beløpet blir belastet hotellrommet og betales ved utsjekking direkte til hotellet (utsjekkingen må skje innen 12:00). NKS dekker lunsjen.