

NKS KATALYSESYMPOSIUM og ÅRSMØTE 1997
PFI, Forskningsveien 3, Oslo, 08.10.1997

PROGRAM

- 09.00-09.15 Åpning v/Richard Blom SINTEF
- Sesjon I:** Møteleder: Klaus.-J. Jens, Borealis A/S
- 09.15-10.15 Dr. K. A. Ostoja Starzewski, Bayer AG : "Frontiers of Nickel Based Polymerization Catalysts"
- 10.15-10.30 Kaffe
- 10.30-11:00 Arild Follestad, Borealis AS "Simultaneous Polymerization with Two Catalysts"
- 11:00-11:30 Knut J. Børve, Universitet i Bergen: "Ethylene Polymerization Using Homogeneous Cr(III) and Cr(IV) Catalysts: A Quantum Chemical Approach"
- 11:30:12:00 Knut Thorshaug, NTNU : "Metallocene Catalyzed Polymerization of Ethene: Studies of Chain Termination in the Systems $L_2ZrCl_2/MAO/C_2H_4$ (L= Cyclopentadienyl, Pentamethylcyclopentadienyl)"
- 12:00-13:00 Lunsj
- 13:00-14:00 Postersesjon
- Sesjon II:** Møteleder: Terje Fuglerud, Norsk Hydro
- 14:00-14:30 Arne Karlsson, SINTEF Kjemi : "Intergrowth of Micro- and Mesoporous Materials: Synthesis of ZSM-5/MCM-41 Like Phases Using a Mixed Template Approach"
- 14:30-15:00 Per Ola Rønning, Universitetet i Oslo: Conversion of Methanol and Ethene over ZSM-5 and H-Mordenite: Use of Isotopic Labelling for Mechanistic Studies"
- 15:00-15:30 De Chen, NTNU : "Methanol Conversion to Light Olefins over SAPO- 34: Sorption, Diffusion and Catalytic Reactions"
- 15:30-15:45 Kaffe
- Sesjon III:** Møteleder: Erling Rytter, Statoil
- 15:45-16:15 Trond Myrstad, Statoil: "The Behaviour of Laboratory Deactivated Catalysts Compared to FCC Equilibrium Catalysts"
- 16:15-16:45 Åse Slagtern, SINTEF Kjemi : "Specific Features Concerning the Mechanism of Methane Reforming by Carbon Dioxide over Ni/La₂O₃ Catalyst"
- 16:45-17:30 Avslutning. NKS Allmøte

NKS KATALYSESYMPOSIUM - POSTERLISTE

- 1 M. Fati, B. Siberove, O. Rokstad & A. Holmen, NTNU
"Oxygen availability on supported Rh catalysts"
- 2 H. Mostad, M. Stöcker, H. Junggren, B. Hustad & R. Wendelbo, SINTEF Kjemi, Oslo
"Isobutane/2-butene alkylation over EMT and Beta Zeolites"
- 3 J. A. Støvneng, I. Ettestøl & E. Rytter, Statoil FoU
"Reaction mechanisms in etherification of C4 and C5 olefins with methanol"
- 4 K. Todnem, K. Børve & M. A. Nygren, UiB
"En teoretisk undersøkelse av binding av metan og metyl på MgO(100)"
- 5 T. Karlsen, K. Børve & V. R. Jensen, UiB
"Et kvantemekanisk studium av Ziegler-Natta eten polymerisasjon på en MgCl₂-bærer"
- 6 Ø. Mikkelsen, P. O. Rønning & S. Kolboe, UiO
"Conversion of methanol and propene over H-ZSM-5 and H-Mordenite: Use of isotopic labeling for mechanistic studies "
- 7 I. Gigstad, UiO
"Alkene reactions catalysed by zeolites: Effect of active site softness-hardness on product selectivity"
- 8 O. M. Bade & R. Blom, SINTEF Kjemi, Oslo
"A DRIFTS study of supported chromium catalysts for ethylene polymerisation: Ethylene complexation and early stages of polymerisation"
- 9 R. Blom, O. B. Ryan & O. Swang, SINTEF Kjemi, Oslo
"Structural study of allyl complexes of group 4 and 6 transition metals and their reaction with 1-olefins: Activated initiation of propagation"
- 10 O. Swang & R. Blom, SINTEF Kjemi, Oslo
"Allyl complexes of chromium and zirconium: Molecular structures from DFT and *ab initio* calculations"
- 11 H. Heiberg, SINTEF Kjemi, Oslo
"Quantum chemical studies on direct conversion of methane to methanol over platinum complexes"
- 12 Å. M. Leere Øiestad, UiO
"Examples of Gas Phase Reactivity of Cationic Metals"
- 13 Mats Tilset's group, UiO
"Organometallic Chemistry and Catalysis at the University of Oslo"