**Wednesday, April 17**

09.00 - 09.15  Registration
09.15 - 09.30  Welcome
09.30 - 10.00  University-Business Co-operation  
    *Jan-Eric Sundgren, Volvo Group Global*
10.00 - 11.10  COFFEE and mounting of posters, Poster session
11.10 - 11.30  Atom probe tomography of corroded Zircaloy-2  
    *Gustav Sundell, Division of Materials Microstructure, TF*
11.35 - 11.55  Transition metal ion-chelating ordered mesoporous carbons as noble metal-free fuel cell catalysts  
    *Johanna K. Dombrovskis, Applied Surface Chemistry, KB*
12.00 - 13.00  LUNCH
13.00 - 13.30  Scientist career at AkzoNobel Pulp and Performance Chemicals  
    *Nina Simic, Akzo Nobel Pulp and Performance Chemicals*
13.35 - 13.55  CP/MAS $^{13}$C-NMR study of pulp hornification using nanocrystalline cellulose as a model system  
    *Alexander Idström, Applied Surface Chemistry, KB*
14.00 - 14.20  Piezoelectric polymer bicomponent fibres  
    *Anja Lund, The Swedish School of Textiles, University of Borås*
14.20 - 15.30  COFFEE and Poster session
15.30 - 15.50  On the effect of hydrogen addition on lean NOx reduction with methanol over Ag-Al$_2$O$_3$  
    *Marika Männikkö, Competence Centre for Catalysis*
15.55 - 16.15  Evaluation of a measuring system for extensional flow through numerical and experimental studies  
    *Magda Nyström, SIK - The Swedish Institute for Food and Biotechnology*
16.20 - 16.50  Presentation of Materials Science Area of Advance  
    *Anders Palmqvist, Area of Advance Co-Director*
17.00 - 19.00  Lab tour, Applied Physics
19.00  DINNER: buffé, mingle, social activities and poster viewing

**Thursday, April 18**

09.00 - 09.20  3D polysaccharide structures with controlled micro architecture by bottom-up fabrication  
    *Johan Sundberg, Biopolymer Technology, Wallenberg Wood Science Center, KB*
09.25 - 09.45  Effects of graphene preparation methods on the photocatalytic performance of TiO$_2$/graphene composites  
    *Raja Sellappan, Division of Chemical Physics, TF*
09.45 - 10.30  COFFEE and Poster session
10.30 - 10.50  The Graphene Flagship  
    *Tomas Löfwander, Microtechnology and Nanoscience*
10.55 - 11.15  New concepts for copper-free antifouling coatings for marine applications  
    *Alireza Movahedi, Applied Chemistry, KB*
11.15  Concluding remarks
11.30  LUNCH
POSTERS

P1. Heading towards eco-efficient surface protection: To explore aspects that govern release from microparticles
   Jonatan Borg, Applied Surface Chemistry, KB

P2. Delubrication of Powder Metallurgy steels
   Seshendra Karamchedu, Surface and Microstructure Engineering, MT

P3. Fate of Hydrogen upon Oxidation of Zirconium Alloys by Water - A First Principles Study of Chemical Reactions in the Solid State
   Mikaela Lindgren, Division of Energy and Material, KB

P4. Surface chemical analysis of soft magnetic composite powders
   Christos Oikonomou, Surface and Microstructure Engineering, MT

P5. Environmentally friendly plasticized PVC by means of nanotechnology
   Henrik Petersen, SP Technical Research Institute of Sweden

P6. Waste Electrical and Electronic Equipment (WEEE) Plastics Composition
   Erik Stenvall, Polymeric Materials and Composites, MT

P7. Real time in situ monitoring of catalyst sintering on different support materials
   Pooya Tabib Zadeh Adibi, Competence Centre for Catalysis

P8. Evolution of the microstructure during creep testing of WC-Co based cemented carbide
   Amine Yousfi, Division of Materials Microstructure, TF

P9. Desorption of water from nanostructured models of interstellar dust grains
   Anna Clemens, Division of Chemical Physics, TF