

08.00-10.15 Registration and coffee [5th floor conference area]

10.15-12.00 **NANO TODAY AND TOMORROW** [Room: Öresund]  
Moderator: Ann Fernholm, Katalys Media

Anja Boisen, Professor, DTU  
Bengt Kasemo, Professor, Chalmers University of Technology  
Lars Montelius, Professor, Lund University

12.00-13.15 Lunch [Elite Hotel Marina Plaza restaurant]

13.15-15.00 **LIFE** [Room: Kärnan]  
Moderator: Ann Fernholm, Katalys Media

**Diagnostics using nanotechnology**  
Christer Wingren, Associate Professor, Lund University

**Tumor targeted liposomes in bio-imaging and cancer diagnostics using positron emission tomography**  
Thomas L. Andresen, Senior Researcher, DTU Nanotech

**Opportunities in nano- and microfluidics**  
Jonas Tegenfeldt, Associate Professor, University of Gothenburg

**3 and 4D cell analysing in fluid**  
Tom Olesen, CTO, Unisensor A/S

**ENERGY** [Room: Helsingör]  
Moderator: Morten Christensen, University of Copenhagen/NCS

**Nanocrystalline junctions and molecular photovoltaic cells**  
Michaël Grätzel, Professor, EPFL

**Organic photovoltaics – the next generation of solar cells**  
Peter Sommer-Larsen, Head of the Solar Energy Programme, Risø DTU

**Moving energy forward**  
Charles Nielsen, R&D Director, DONG Energy

**STM studies of atomic-scale processes in photocatalysis**  
Flemming Besenbacher, Professor, Aarhus University

**MATERIALS** [Room: Öresund]  
Moderator: David Storek, University of Gothenburg/NCS

**Nano-scale structure of polymer amphiphilic systems: tailored new phases and applications as smart materials**  
Kell Mortensen, Professor, University of Copenhagen

**Nanobased materials in AB Volvo: Present technology and future challenges**  
Jan-Eric Sundgren, Senior Vice President, Professor, AB Volvo

**Nanotechnology & the car industry: An inside perspective from Fiat**  
Gianfranco Innocenti, Department Manager, Centro Ricerche Fiat S.C.p.A.

**Current and future applications of carbon nanotubes**  
Alexander Clerbaux, Funded Project Coordinator, Nanocyl

15.00-15.30 Coffee [5th floor conference area]

15.30-17.00 **LIFE** [Room: Kärnan]  
Moderator: Ann Fernholm, Katalys Media

**Stimuli-responsive lipid nanostructures in drug delivery**  
Fredrik Tiberg, CEO, Camurus

**Vault nanocapsules: A new platform for therapeutic delivery**  
Leonard Rome, Professor, CNSI

**Three-dimensional nanobiostructure-based self powered biodevices**  
Sergey Schleev, Senior Researcher, Malmö University

**Watching proteins at work - structural insights into protein orientation and function in membranes obtained from neutron reflectometry**  
Hanna Wacklin, Instrument scientist, European Spallation Source ESS AB

**ENERGY / ELECTRONICS** [Room: Helsingör]  
Moderator: Cristina Andersson, Chalmers/NCS

**Nanowires – from academic nanoscience to industrial LEDs**  
Lars Samuelson, Professor, Lund University, Chief Scientific Officer at Glo AB

**Title to be decided**  
Heike Riel, Manager nanoscale electronics, IBM Research GmbH

**Studying single particles with ultra sensitive detectors; electrons, photons and phonons.**  
Per Delsing, Professor, Chalmers University of Technology

**Quantum Cascade Lasers: Mid-infrared nanotechnology for environmental, power plant and climate change monitoring**  
Federico Capasso, Professor, Harvard University

**MATERIALS** [Room: Öresund]  
Moderator: Alan Friis, DTU

**Towards piezoelectric nanocarbon/PVDF fibres**  
Rodney Rychwalski, Professor, Chalmers University of Technology

**Highlights of innovative application orientated nano-designed coating meeting end-users demands**  
Lars Pleth Nielsen, Centre Manager, Tribology center, DTI

**Nanostructured materials for housing applications**  
Elin Söndergård, Director, Laboratoire Surface du Verre et Interfaces, CNRS/Saint-Gobain

**Benefits of carbon nanotubes reinforced thermosets for wind-power and composite applications**  
Joachim Karthäuser, Technical Director, Re-turn composites

18.00 **DINNER** [Elite Hotel Marina Plaza restaurant]

08.00-10.00 **MATCHMAKING SESSION** [Room: Kronborg]

09.45-10.15 Registration and coffee [5th floor conference area]

10.15-12.00 **GOING NANO** [Room: Öresund]  
Moderator: Dan Larsson, Growmotion AB

**Nanotechnology – past, present and future perspectives**

James Murday, Associate director for physical sciences, University of Southern California D.C. Office of Research Advancement

**NanoRisks – how to get beyond talking about unknowns?**

Anders Baun, Professor, DTU Environment

**Nanomaterials – the legal framework in EU today and tomorrow**

Jenny Holmqvist, Risk Assessment Manager, Cefic

**Standardisation aspects of the nano revolution**

Stefan Åkesson, Manager, Food Safety & Equipment Safety, Tetra Pak Processing Systems

**The NanoPlast project**

Per Høvsgaard, Senior director Mechatronics & Prototyping, LEGO  
Rafael Taboryski, Head of polymer micro and nano engineering section, DTU

**LIFE / MATERIALS** [Room: Kärnan]  
Moderator: Line Lundfald, Lund University/NCS

**Biomaterial surfaces: Is nano important?**

Pentti Tengvall, Professor, University of Gothenburg

**Nanostructured noble metal surface properties prevent hospital acquired infections – future biomaterials**

Brita Sjöström, R&D Manager, Bactiguard

**Expansile nanoparticles for cancer treatment**

Mark W. Grinstaff, Professor, Boston University

**Magnetic nanoparticles for implant-assisted magnetic drug targeting**

Maria Kempe, Associate Professor, Lund University

**ENERGY / MATERIALS** [Room: Helsingör]  
Moderator: Morten Christensen, University of Copenhagen/NCS

**Future impact of MAX-IV and ESS on energy research**

Robert Feidenhans'l, Professor, University of Copenhagen

**Catalysts for sustainable fuels production**

Søren Dahl, Director CASE, DTU

**Catalytic conversion of tall oil to ultra clean renewable diesel**

Rasmus G. Egeberg, Project Manager Refinery Technologies, Haldor Topsøe

**Insplorion AB – commercializing nanotechnology-based research instruments for catalysis and nanomaterials science**

Vincent Schaller, Insplorion

12.00-13.15 Lunch [Elite Hotel Marina Plaza restaurant]

13.00-15.00 **MATCHMAKING SESSION** [Room: Kronborg]

13.15-15.00

**LIFE / RESEARCH TOOLS** [Room: Kärnan]  
Moderator: Maryam Olsson, Lund University Innovation System

**Nanoparticles – a research tool for life science**

Sarah Fredriksson, CEO, Genovis

**Screening for molecular properties by encoded combinatorial chemistry**

Morten Meldal, Professor, University of Copenhagen

**Open access micro/nanofabrication facilities – bridging academic research and small scale production**

Jörg Hübner, Managing Director, DTU Danchip

**Title to be decided**

Biolin Scientific

**ENERGY / MATERIALS** [Room: Öresund]  
Moderator: Hillmar Vidarsson, Höganäs AB

**Electrodes and fuel cells – cases and visions**

Peter Holtappels, Programme Leader, Risø National Laboratory for Sustainable Energy, Risø DTU

**Storage – a structural energy storage system**

Per-Ivar Sellergren, Development engineer, Volvo Cars Materials Centre

**The development of PEM and DMFC fuel cells and their application in private and professional setups**

Steen Yde-Andersen, R&D Manager, IRD Fuel Cells A/S

**Manufacturing of porous nanocomposite SOFC anodes by aqueous tape casting**

Johanna Stiernstedt, Researcher, Swerea IVF

15.00-15.30 Coffee [5th floor conference area]

15.00-17.00 **MATCHMAKING SESSION** [Room: Kronborg]