### Thursday 28. May

**Registration and sandwiches – iNANO foyer (Bldg 1590)**

<table>
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<tr>
<th>Time</th>
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<tr>
<td>10.30</td>
<td>Registration and sandwiches – iNANO foyer (Bldg 1590)</td>
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<td>12.00</td>
<td>Coffee</td>
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**Session 1 – iNANO Auditorium (1590-012) – Chair: Bo Brummerstedt**

- **New Materials with Designed Nanoarchitecture Prepared by Controlling Reactions at Solid-Solid Interfaces.**
  - David Johnson, University of Oregon
  - **12.15 - 13.00**

- **Visualizing phosphodiester-bond hydrolysis by an endonuclease.**
  - G. Montoya, NNF Center for Protein Research, University of Copenhagen
  - **13.00 - 13.30**

- **Quantum magnetism in natural minerals: Focus on Malachite**
  - E. Canevet, Paul Scherrer Institute
  - **13.30 - 13.50**

- **Coffee**
  - **13.50 - 14.05**

**Session 2 – Chair: Bjørn P. Pedersen**

- **High pressure studies of conjugated polymers**
  - Matti Knaapila, Department of Physics, Technical University of Denmark
  - **14.05 - 14.35**

- **In-Situ Observation of Solid Oxide Electrochemical Cells by means of Energy Resolved Neutron imaging**
  - M. G. Makowska, DTU Energy, Technical University of Denmark
  - **14.35 - 14.50**

- **Trends in syntheses, structures and properties of series of ammine metal borohydrides**
  - Lars Jepsen, Center for Materials Crystallography, Aarhus University
  - **14.50 - 15.05**

- **Announcement of the Winner of the Danscatt Ph.D prize 2015**
  - **15.05**

- **Coffee**
  - **15.05 - 15.30**

**Session 3 – Chair: Gregers R. Andersen**

- **FemtoMAX - a beamline for structural dynamics at MAX IV**
  - Jørgen Larsson, Department of Physics, Lund University
  - **15.30 - 16.00**

- **MedMAX: The future of biomedical imaging at MaxIV**
  - Rajmund Mokso, Paul Scherrer Institute
  - **16.00 - 16.30**

- **Photoemission Experiments at ASTRID2**
  - Philip Hofmann, Department of Physics and Astronomy, Aarhus University
  - **16.30 - 17.00**

- **Posters and guided tour**
  - **17.00 - 18.45**

- **Dinner (Canteen, Dept. of Chemistry, Bldg 1510)**
  - **19.00 - ?**
## DanScatt Annual Meeting

**44th Danish Crystallographers Meeting**  
**7th DanScatt Meeting**  
**28 – 29th May, 2015**

### Friday 29. May

#### Session 4 – Chair: Lasse B. Jenner

**Upgrade of the semi Danish Neutrons Spectrometer RITA II at PSI.**  
Jonas Okkels Birk, Paul Scherrer Institute  
9.00 - 9.20

**In situ and ex situ studies on CoFe2O4 partial reduction: CoFe2O4/CoFe2 magnetic nanocomposites**  
Cecilia Granados-Miralles, Center for Materials Crystallography, Aarhus University  
9.20 - 9.35

**Successful use of a bio-nanocomposite for encapsulation and potential targeted release of anti tumor drug to breast cancer cells**  
Murillo L. Martins, Niels Bohr Institute, University of Copenhagen  
9.35 - 9.50

**Structural insight into the mechanism of complement activation through a hybrid approach of crystallography, electron microscopy and small angle X-ray scattering**  
Gregers R.Andersen, Centre for Structural Biology, Aarhus University  
9.50 - 10.05

**Coffee**  
10.05 - 10.20

#### Session 5 – Chair: Ditlev Brodersen

**Pushing the frontiers of structure based drug design using synchrotron radiation**  
Tove Sjøgren, Discovery Sciences, AstraZeneca R&D, Mölndal, Sweden.  
10.20 - 10.50

**Femtosecond study of intra- and inter-molecular dynamics following photoexcitation of a molecule in solution**  
Tim B. van Driel, Centre for Molecular Movies, Technical University of Denmark  
10.50 - 11.05

**Nuclear-weighted X-ray maximum entropy method – NXMEM**  
Sebastian Christensen, Center for Materials Crystallography, Aarhus University  
11.05 - 11.20

**Break**  
11.20 - 11.30

#### Session 6 - Chair: Poul Nissen

**Neutron crystallographic studies and NMR titrations of Tyrosine in enzyme-mediated proton transfer**  
Zoë Fisher, European Spallation Source ESS, Lund, Sweden  
11.30 - 12.00

**Multimodal X-ray and neutron imaging**  
M.S.Nielsen, Niels Bohr Institute, University of Copenhagen  
12.00 - 12.15

**Multi-scale 3D characterization with dark-field x-ray microscopy**  
Hugh Simons, Department of Physics, Technical University of Denmark  
12.15 - 12.30

**Meeting close**  
12.30

**Lunch**  
12.30

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Organized by Søren Thirup, Centre for Structural Biology, Dept. of Molecular Biology and Genetics, Aarhus University