

**The Future of Chemistry with
MAX IV and ESS - Satellite
event to the 1st Swedish
Chemical Society meeting**

Report of Contributions

Contribution ID : 1

Type : **not specified**

Regine von Klitzing - Surface sensitive Neutron Scattering for Studying Structure and Dynamics of Polymer Coatings

Wednesday, 20 June 2018 13:45 (40)

Prof. von Klitzing is a Full Professor for Physics at the Technical University Darmstadt. A particular focus of her work is on interactions in thin liquid films and at the air/water interfaces, and on the investigation of polyelectrolyte multilayers and temperature and pH sensitive hydrogels and their use as “smart” switches and sensors.

Presenter(s) : Prof. KLITZING, Regine (Technische Universität Darmstadt)

Contribution ID : 2

Type : **not specified**

Lise Arleth - Investigation of membrane proteins under solution conditions using X-rays and Neutrons

Wednesday, 20 June 2018 14:30 (40)

Prof. Arleth is a Professor and Head of the The Structural Biophysics Group at the Niels Bohr Institute, Faculty of Science, Copenhagen University, Denmark. Her main research topics include biophysics and physical chemistry with the main focus on structural investigations of macromolecules and their aggregates in solution.

Presenter(s) : Prof. ARLETH, Lise (Niels Bohr Institute, University of Copenhagen)

Contribution ID : 3

Type : **not specified**

Paul Shearing - X-ray imaging methods for batteries and electrochemical devices

Wednesday, 20 June 2018 15:40 (40)

Dr. Shearing is a reader in Chemical Engineering and Materials at University College London. His research interests are in electrochemical engineering – the study and design of electrochemical processes in devices including fuel cells, batteries and electrochemical reactors. Projects include understanding and development of Li batteries, development of Solid Oxide Fuel Cells (SOFCs), electro-reduction of spent nuclear fuels using molten salt reactions, and monitoring corrosion in PEM fuel cells.

Presenter(s) : Dr. SHEARING, Paul (University College London)

Contribution ID : 4

Type : **not specified**

John R. Bargar - Multi-technique synchrotron investigations of complex biogeochemical systems

Wednesday, 20 June 2018 16:25 (40)

Dr. John Bargar is a Lead Scientist, Geochemistry and Biogeochemistry Division, at the Stanford Synchrotron Radiation Laboratory. He has experience in low-temperature geochemistry, biogeochemistry, and synchrotron-based x-ray spectroscopy, spectromicroscopy, and scattering techniques, laboratory and field systems. His research interests include biogeochemistry of redox active metals and light elements, structure and reactivity of biogenic nanominerals, and mineral-water interface geochemistry.

Presenter(s) : Dr. R. BARGAR, John (SLAC lead PI,Stanford)

Contribution ID : 5

Type : **not specified**

Introduction and Welcome

Wednesday, 20 June 2018 13:30 (10)

Presenter(s) : Prof. SCHURTENBERGER, Peter (LINXS Director, Lund University)

Contribution ID : 6

Type : **not specified**

Closing remarks

Wednesday, 20 June 2018 17:05 (10)

Presenter(s) : Prof. SCHURTENBERGER, Peter