

Program: 21st Swedish Neutron Scattering Society Meeting (SNSS-21)

Siegbahnsalen, Ångström Laboratory, Uppsala University, May 15-16, 2017

Monday, May 15

12:00 – 13:00	Registration and Lunch	
13:00 – 13:10	Welcome and Opening	
13:10 – 13:40	I.C. Noyan	Measuring Stress/Strain Distributions in Suspension-Bridge-Cable Components with Neutron Diffraction
13:40 – 13:55	Federica Sebastiani	Alkylglycoside surfactants with oligomeric head-groups: investigation of self-aggregation and its implications for future applications
13:55 – 14:10	Kim Lefmann	Unexpected suppression of magnetic stripes by field in underdoped LSCO
14:10 – 14:25	Shirin Nouhi	The Interaction of Perfluoroalkyl Substances with Mineral Surfaces and Biological Membranes
14:25 – 14:40	Thomas Ederth	Ionic profiles in organic electronic devices
14:40 – 14:55	Flora Meilleur	Structural studies of cellulolytic enzymes using neutron scattering and diffraction
14:55 – 15:30	Coffee / Tea	
15:30 – 16:00	John Womersley	Update on ESS
16:00 – 16:15	Johan Holmberg	Vetenskapsrådet (VR)
16:15 – 16:40	Discussion	
16:40 – 17:10	Natalie Malikova	Model polyelectrolytes in the bulk and at charged mineral surfaces ⁹
17:15 – 17:45	SNSS Business meeting	
17:15 – 19:00	Posters / Refreshments	
19:00 – 21:00	Buffet Dinner	



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Tuesday, May 16

09:00 – 09:30	Jayne Lawrence	Monolayers and micelles: location of drugs therein
09:30 – 09:45	Gunnar Pålsson	Proximity effects in single-crystal superlattices revealed by neutron reflectivity and enabled by a new sample environment: The case of Fe/VHx and Cr/VHx
09:45 – 10:00	Johan Cedervall	The importance of neutron scattering for magnetocaloric systems
10:00 – 10:15	Madelen Bodin	Neutrons: Motivating Girls to Science Career Choices through Real-Science Experiences
10:15 – 10:30	Bjørn C. Hauback	New instrumentation in the JEEP II reactor at IFE, Kjeller: Norwegian Center for Neutron Research – NcNeutron
10:30 – 11:00	Coffee / Tea	
11:00 – 11:10	Rektor Eva Åkesson	Start of the SwedNess- & NNSP kick-off
11:10 – 11:20	Lars Hultman	Swedish Foundation of Strategic Research, SSF
11:20 – 11:40	Lena Ek	Government Strategy for ESS
11:40 – 11:50	Fredrik Melander	Nordic Neutron Science Program: status, next step and beyond
11:50 – 12:00	Andreas Schreyer	Opportunities for new Science at ESS
12:00 – 12:15	Selma Maric	Lipid Exchange Dynamics between Lipoproteins and Cell Membrane Mimics: Dependence on Structure and Composition
12:15 – 12:30	William Brant	In Situ and In Operando Neutron Diffraction for Lithium Ion Battery
12:30 – 12:45	Laura Mazzei	Structure and proton conductivity of thin films of In-doped BaZrO ₃
12:45 – 13:00	Mikael Twengström	Diffuse neutron scattering of Dy ₂ Ti ₂ O ₇ revisited
13:00 – 14:15	Buffet lunch	
14:15 – 14:30	Marie Vennström	A PhD at Sandvik Materials Technology
14:30 – 15:00	Jeremy Lakey	Studying antibiotic resistant bacterial membranes - using neutrons
15:00 – 15:30	Mogens Christensen	Improved magnets and opportunities with HEIMDAL at ESS
15:30 – 16:00	Martin Månsson/ Kim Lefmann	Curriculum for SwedNess and NNSP
16:00 – 16:30	Cakes / Coffee / Tea	





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Agenda for the SNSS Business meeting

1. Keeper of minutes
2. Suggestion/selection of new board members
3. Suggestion/selection of new members for "Valberedningen"
4. Suggested topics to discuss
 - What role should SNSS have for the neutron community
 - How can we promote the use of neutrons in research/ development
 - How can we promote interaction between academia/ industry/ facilities/ grant givers
 - How can we find mechanisms for improved information spread and transparency
 - How can we contribute to prepare ourselves for ESS
 - Interaction with the X-ray community
5. Next annual meeting, suggestions
6. Other issues