

Oral presentations at the Swedish Neutron Week April 23rd to 26th

Monday April 23rd

Lecture	Time	Speaker, affiliation	Title
Thematic #1	18:00-18:45	Richard Brierley Nature Communications	<i>Science Presentation</i>

Tuesday April 24th

Lecture	Time	Speaker, affiliation	Title
Opening	08:30- 09:15	Martin Månsson, KTH; Martin Sahlberg, UU; Margareta Wallquist, CTH	<i>This is SwedNess / SSF / NNSP / SWEbeams</i>
Invited #1	09:15- 09:55	Jens Birch LiU	<i>Swedish Thin Film Materials Science for Future Neutron Technology</i>
Invited #2	10:30-11:10	Johannes Schlipf, TUM	<i>Fundamentals of GISANS and Selected Examples</i>
Invited #3	11:10-11:50	Mats Qvarford, Tetra Pak	<i>Utilization of X-rays and Neutrons</i>
Invited #4		Christian Ruegg, PSI	<i>Science with Neutrons, Muons & Photons at the Paul Scherrer Institute</i>
Opening	13:00-13:10	Sten Eriksson, CTH; Marite Cardenas, MaU	<i>This is SNS</i>
Oral #1	13:10-13:30	Gunnar Karl Pålsson, UU	<i>Super ADAM at ILL</i>
Oral #2	13:30-13:50	Stephen Hall, LU & ESS	<i>Investigating the mechanics of geomaterials with neutrons</i>
Oral #3	13:50-14:10	Calvin Brett, KTH	<i>Initial Investigation of cellulose thin films using GISANS</i>
Oral #4	14:10-14:30	German Salazar-Alvarez, SU	<i>Tuning the assembly of cellulose nanocrystals</i>
Oral #5	14:30-14:50	Francesco Messi, LU & ESS	<i>The Source Testing Facility at Lund University</i>
Invited #5	15:05-15:30	Genoveva Burca, ISIS, RAL	<i>IMAT- neutron imaging and diffraction instrument for materials science at the ISIS neutron spallation source, UK</i>
Invited #6	15:30-15:55	Marie Vennström, Sandvik	<i>The importance of understanding the formation mechanisms of protective oxides in HT alloys</i>

Invited #7	15:55-16:20	Marianna Yanez, AstraZeneca	<i>Lipid Nanoparticles for mRNA delivery: From Structural Determination to Structure Driven Optimization of Biological Efficacy</i>
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Wednesday April 25th

Lecture	Time	Speaker, affiliation	Title
Invited #8	09:00-09:25	Robert McGreevy, ISIS, RAL	<i>ISIS today and ISIS tomorrow</i>
Invited #9	09:25-10:25	Andreas Schreyer, ESS	<i>Overview of in-kind/collaborative possibilities in the ESS Science Directorate (25 min)</i>
		Ken Andersen, ESS	<i>Possibilities in instruments (15 min)</i>
		Arno Hiess, ESS	<i>Possibilities in sample environment and labs (10 min)</i>
		Wojciech Potrzebowski, ESS	<i>Possibilities at DMSC (10 min)</i>
Oral #6	11:00-11:20	Martin Månsson, KTH	<i>The Quasi-One-Dimensional Metallic Antiferromagnet NaV₂O₄ Studied by Neutrons, Muons & Photons</i>
Oral #7	11:20-11:40	Carin Eklöf-Österberg, CTH	<i>Structure and dynamics in perovskite type oxyhydrides studied with elastic, quasielastic and inelastic neutron scattering</i>
Oral #8	11:40-12:00	William Brant, UU	<i>Decoupling cation ordering and oxygen release: An in situ neutron study of LiNi_{0.5}Mn_{1.5}O₄ positive electrode materials</i>
Oral #9	12:00-12:20	Christoffer Olsson, CTH	<i>Protein Stabilisation in Aqueous Trehalose Solutions as studied by Neutron Diffraction and QENS</i>
RMC #1	14:00-15:00	Helen Playford, ISIS, RAL	<i>Short history and introduction to RMC/pdf methods</i>
RMC workshop	15:00-18:30	Wojciech Slawinski, ISIS, RAL	<i>Tutorial activities together with Helen Playford</i>

Thursday April 26th

RMC workshop	08:30-12:30	Wojciech Slawinski, ISIS, RAL	<i>Tutorial activities together with Helen Playford, continued</i>
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