

Swedish Neutron Week 2024

Venue: Stadshallen, Lund
29-31 May 2024



LUND UNIVERSITY

Wednesday 29/05/2024

Related event during the Conference Northern Lights on Food		
11:05 – 11:45	Neutron reflectivity studies of the adsorption of proteins and lipids at interfaces	Giovanna Fragneto, ESS
12:00 – 13:00	Arrival & Registration + Hang Posters	
Welcome + Nutrition and Health		
13:00 – 13:15	Welcome	SNSS, ESS
13:15 – 13:45	<u>Invited Talk</u> The structure and interactions at the lipid aqueous interface and implications for food for the future	Tommy Nylander, Lund University
13:45 – 14:45	Contributed talks	
14:45 – 15:15	Coffee break	
Methodology for Neutron Science		
15:15 – 15:45	<u>Invited Talk (Poster Prize 2023)</u> Isotope-optimized single crystal CrB ₂ /TiB ₂ superlattices as novel materials for neutron optics	Samira Dorri, Linköping University
15:45 – 16:15	Contributed talks	
16:15 – 16:30	SuperADAM – history, results and opportunities	Björgvin Hjörvarsson, Uppsala University
16:30 – 16:45	SAGA – GISANS for ESS	Sebastian Köhler, LINXS
16:45 – 17:00	Discussion / Community feedback SAGA	
17:00 – 19:00	Poster session with refreshments	

Thursday 30/05/2024

Magnetism and Quantum Materials		
08:30 – 09:00	<u>Invited Talk:</u> Compositionally complex alloys for sustainable hydrogen storage and compression	Martin Sahlberg, Uppsala University
09:00 – 10:00	Contributed Talks	
10:00 – 10:30	Coffee break	
SNSS and SwedNess General Assemblies and Updates		
10:30 – 11:00	SwedNess Update	Martin Sahlberg, Uppsala University Martin Månsson, KTH
11:00 – 11:10	Big Science Sweden	Mike Olsson, Big Science Sweden
11:10 – 11:20	RISE	Shun Yu, RISE
11:20 – 11:30		TBA
11:30 – 12:00	SNSS update	SNSS board
12:00 – 12:15	Community discussion: Swedish Neutron Strategy	SNSS board
12:15 – 13:30	Lunch	
Energy and Sustainability		
13:30 – 14:00	<u>Invited Talk:</u> Dynamics in energy relevant metal halide perovskites studied with neutron scattering techniques	Maths Karlsson, Chalmers University
14:00 – 15:15	Contributed Talks	
15:15 – 15:45	Coffee break	
Soft Matter		
15:45 – 16:15	<u>Invited Talk:</u> Softness probed by neutron scattering	Judith Houston, ESS
16:15 – 17:30	Contributed Talks	
17:30 – 19:00	Free time	
19:00 – ...	Conference Dinner	

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EUROPEAN
SPALLATION
SOURCE



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Friday 31/05/2024

Opportunities at ESS		
08:30 – 08:50	Large-Scale Structures	Andrew Jackson, ESS
08:50 – 09:10	Spectroscopy	Pascale Deen, ESS
09:10 – 09:30	Diffraction and Imaging	Mikhail Feygenson, ESS
09:30 – 09:45	DMSC	Torben Nielsen, ESS
09:45 – 10:00	DEMAX	Hanna Wacklin-Knecht, ESS
10:00 – 10:30	Coffee Break	
Swedish Opportunities for First Science at ESS		
10:30 – 10:45	Future scientific activities at LINXS (in SVS)	Trevor Forsyth, LINXS
10:45 – 11:00		TBA, VR
11:00 – 11:15		Lars Hultman, SSF
11:15 – 11:30	Opportunities for first science at ESS	Giovanna Fragneto, ESS
11:30 – 12:00	Panel discussion	Giovanna Fragneto, ESS Lars Hultman, SSF Trevor Forsyth, LINXS TBA, VR SNSS board
12:00 – 13:00	Lunch	
ESS site visit		
13:00 – 13:30	Transfer to ESS via tram	
13:30 – 16:30	Site visit at ESS	Manuel Morgano – ODIN
	COFFEE BREAK	Judith Houston – LOKI
	“Meet your beamline scientist”	Rasmus Toft-Petersen – BIFROST
	Group discussions clustered around beamlines	Esko Oksanen – NMX
		Mikhail Feygenson – DREAM
Jos Cooper – ESTIA		
	Jia-Fei Poon & Anna Leung – DEMAX	