

NEUTRON DAY, UPPSALA UNIVERSITY 2022

JUNE 17, 12:30 – 16:00

PROGRAMME

12:30 – 13:00	<i>Lunch (please note that you need to register to receive lunch)</i>	
13:00 – 13:10	Welcome and introduction	Professor Martin Sahlberg, Uppsala University Professor Adrian Rennie, Uppsala University Assoc. Professor Gunnar Karl Pálsson, Uppsala University
13:15 – 14:00	Exploring the potential of neutron scattering techniques for understanding musculoskeletal tissues	Professor Hanna Isaksson, Lund University
14:00 – 14:20	Magnetism, structure and possible use of lithiated iron oxide as battery material?	Assoc. Professor Germán Salazar Alvarez, Uppsala University
14:20 – 14:40	<i>Coffee Break</i>	
14:40 -15:00	Using neutrons to study cation mixing and non-equilibrium transitions in rock-salt derived electrode materials	Assoc. Professor William Brant, Uppsala University
15:00 – 15:15	On the crystal and magnetic structures of Mn₂Co₃Ge	Simon Rosenqvist Larsson, Uppsala University



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15:15 – 15:30	Revealing hidden order by Polarized Neutron Reflectometry	Nanny Strandqvist, Uppsala University
15:30 – 15:45	Influence of intestinal colloidal structures and self-assembly for enhancing peptide drug bioavailability	Shahina Akter, Uppsala University
15:45 – 16:00	Measuring the hydrogen-induced volume expansion of a thin metallic glass using neutron reflectometry	Johan Bylin, Uppsala University
16:00 -	<i>Mingle with drinks and snacks</i>	