

Program

Monday, 31 May 2021

Time CET

09:00 – 09:15	Scientific organizers	Welcome Organizational Details
09:15 – 09:30	Stefan Jorda	About the Wilhelm and Else Heraeus Foundation
09:30 – 10:00	Mingling (MeetAnyway – join the Mingling Area in the Networking floor)	
10:00 – 10:30	Christian Pfleiderer	Experimental Perspectives of Skyrmions in Chiral Magnets
10:30 – 11:00	Discussion and questions to the talks	
11:00 – 11:30	Discussion at the virtual tables	
11:30 – 13:00	<i>LUNCH BREAK</i>	
13:00 – 15:00	Poster Session I 30 min. Flash talks + 90 min. Poster	
15:00 – 15:30	<i>COFFEE BREAK</i>	
15:30 – 16:00	Chris Leighton	Quantitative Understanding of Superparamagnetism in Soft Ferromagnetic Metallic Nanoparticles via Polarized Small- Angle Neutron Scattering
16:00 – 16:30	Artem Feoktystov	Small-angle neutron scattering for magnetic nanoparticles
16:30 – 17:00	Philipp Bender	Investigating magnetic nanostructures by small-angle neutron scattering
17:00 – 17:30	Discussion and questions to the talks	
17:30 – 18:00	Discussion at the virtual tables	

Program

Tuesday, 1 June 2021

Time CET

09:00 – 09:30	Dmitry Berkov	Analyzing neutron scattering data by micromagnetic modeling: state of the art and perspectives
09:30 – 10:00	Karin Everschor-Sitte	Magnetic skyrmions for unconventional computing and revealing latent information
10:00 – 10:30	Discussion and questions to the talks	
10:30 – 11:00	Discussion at the virtual tables	
11:00 – 13:00	<i>LUNCH BREAK</i>	
13:00 – 13:30	Nicolas Martin	Field-induced vortex-like spin textures in reentrant spin glasses
13:30 – 14:00	Kathryn Krycka	Interplay Between Internal Magnetic Morphology and the Response of Solvated Nanoparticles
14:00 – 14:30	Discussion and questions to the talks	
14:30 – 15:00	Discussion at the virtual tables	
15:00 – 15:30	<i>COFFEE BREAK</i>	
15:30 – 16:00	Morten Eskildsen	Vortex lattice studies in $U\text{Pt}_3$
16:00 – 16:30	Johanna Jochum	MIEZE-SANS: a spin-echo technique for magnetic phenomena
16:30 – 17:00	Discussion and questions to the talks	
17:00 – 17:30	Discussion at the virtual tables	

Program

Wednesday, 2 June 2021

Time CET

09:00 – 09:30	Dominika Zákutná	Unravelling the magnetic and chemical morphologies of nanoparticles by SANS
09:30 – 10:00	Sergey Grigoriev	Measurements of spin wave stiffness in helimagnets by small-angle polarized neutron scattering
10:00 – 10:30	Discussion and questions to the talks	
10:30 – 11:00	Discussion at the virtual tables	
11:00 – 13:00	<i>LUNCH BREAK</i>	
13:00 – 15:00	Poster Session II 30 min. Flash talks + 90 min. Poster	
15:00 – 15:30	<i>COFFEE BREAK</i>	
15:30 – 16:00	Elizabeth Blackburn	Pauli paramagnetism and superconducting flux line lattices
16:00 – 16:30	Marc Janoschek	High-Precision Studies of Ferromagnetic Quantum Matter
16:30 – 17:00	Discussion and questions to the talks	
17:00 – 17:30	Discussion at the virtual tables	
19:00 – 21:00	Virtual Conference Party (MeetAnyway – join a table in the Networking floor)	

Program

Thursday, 3 June 2021

Time CET

09:00 – 09:30	Verónica Salgueiriño	Synthesis and Characterization of Nanocrystals of Transition Metal Oxides
09:30 – 10:00	Andrew Wildes	Neutron diffuse scattering from magnetically disordered compounds
10:00 – 10:30	Discussion and questions to the talks	
10:30 – 11:00	Discussion at the virtual tables	
11:00 – 13:00	<i>LUNCH BREAK</i>	
13:00 – 13:30	Dirk Honecker	Data analysis for magnetic small-angle scattering with SasView
13:30 – 14:00	Markus Bleuel	Recent Small Angle Neutron Scattering (SANS) Measurements using dynamic B-fields
14:00 – 14:30	Sara Majetich	Spin Canting in Magnetic Spinel Nanoparticles
14:30 – 15:00	Discussion and questions to the talks	
15:00 – 15:30	Discussion at the virtual tables	
15:30 – 15:45	Scientific organizers	Poster awards and Closing remarks

End of seminar