

Neutrons and Muons for Magnetism

The 2019 edition of the SISN Advanced School
2-6 September 2019, Ispra (Varese) Italy

Preliminary Programme

	Sunday 1 September	Monday 2 September	Tuesday 3 September	Wednesday 4 September	Thursday 5 September	Friday 6 September
9:00		Registration on site				
		9:30 - 10:30 <i>Magnetic Technologies for the 21st Century</i> S. S. P. Parkin	9:00 - 10:30 <i>Magnetic diffraction</i> B. Grenier	9:00 - 10:30 <i>Polarized neutrons</i> A. Wildes	9:00 - 10:30 <i>Single crystal TOF spectrometry/Introduction to Horace</i> T. Perring	9:00 - 10:30 <i>Magnetic reflectometry</i> C. Kinane
10:00		10:30 - 11:00 Coffee break	10:30 - 11:00 Coffee break	10:30 - 11:00 Coffee break	10:30 - 11:00 Coffee break	10:30 - 11:00 Coffee break
11:00		11:00 - 12:00 <i>Disruptive Topological Materials Science</i> C. Felser	11:00 - 12:30 <i>Inelastic neutron spectrometry</i> H. Walker	11:00 - 12:30 <i>Triple axis spectrometry and polarimetry</i> M. Enderle	11:00 - 12:30 <i>Tutorial on Horace</i> T. Perring/H. Walker	11:00 - 12:30 <i>Magnetic SANS</i> S. Mühlbauer
12:00		12:00 - 13:30 Lunch & free time				
13:00			12:30 - 14:00 Lunch & free time	12:30 - 14:00 Lunch & free time	12:30 - 14:00 Lunch & free time	12:30 - 14:00 Lunch & free time
14:00		13:30 - 15:00 <i>Neutrons: a quantum probe for magnetism. General introduction to techniques and instrumentation.</i> R. Caciuffo	14:00 - 16:00 <i>Tutorial on MuSR data treatment/neutron diffraction</i> B. Grenier/S. Sanna	14:00 - 15:30 <i>Diffuse scattering</i> J. Paddison	14:00 - 15:30 <i>Introduction and Tutorial on SpinW (I)</i> S. Ward/D. Le	14:00 - 15:30 <i>Tutorial on Magnetic reflectometry/SANS</i> C. Kinane/S. Mühlbauer
15:00		15:00 - 15:30 Coffee break		15:30 - 16:00 Coffee break	15:30 - 16:00 Coffee break	15:30 - 16:00 School Conclusions TG/RC
16:00		15:30 - 17:00 <i>Introduction to muons spectroscopy techniques and their applications to magnetism.</i> S. Sanna	16:00 - 16:30 Coffee break	16:00 - 17:30 <i>Tutorial on spinvert/diffuse scattering</i> J. Paddison/A. Wildes	16:00 - 17:30 <i>Tutorial on SpinW (II)</i> S. Ward/D. Le	
17:00		17:00 - 18:00 ISPRA tour	16:30-18:30 <i>Tutorial on neutron diffraction/MuSR data treatment</i> B. Grenier/S. Sanna			16:30 - 22:00 Excursion and self-paid dinner at Lake Maggiore islands
18:00	17:30 - 18:30 Welcome drinks and school introduction T. Guidi & R. Caciuffo			18:30 - 19:30 <i>Chirality and topology in magnetic multilayers</i> V. Cros		
19:00	18:30 - 19:00 Students self-introduction					
19:30	19:30-21:30 Dinner	19:30-21:30 Dinner Club House	19:30-21:30 Dinner	19:30-21:30 BBQ Dinner	19:30-21:30 Dinner Club House	

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Directors

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