

# IOP Winter Magnetism School

Monday 16 December 2024

9:00 AM - 9:30 AM	Registration and Refreshments
9:30 AM - 10:15 AM	<b>Introduction to Magnetism</b> Speaker: Dr. Tom Moore
10:15 AM - 11:00 AM	<b>Spintronics I</b> Speaker: Prof. Stuart Cavill
11:00 AM - 11:15 AM	Morning Break
11:15 AM - 12:00 PM	<b>Spintronics II</b> Speaker: Prof. Chris Marrows
12:00 PM - 12:45 PM	<b>Magnetic Materials Growth</b> Speaker: Dr. Philippa Shepley
12:45 PM - 1:30 PM	<b>SQUID Magnetometry</b> Speaker: Prof. Oscar Cespedes
1:30 PM - 2:30 PM	Lunch
2:30 PM - 3:15 PM	<b>Lorentz Microscopy</b> Speaker: Dr. Kayla Fallon
3:15 PM - 4:00 PM	<b>Magnetic Force Microscopy</b> Speaker: Dr. Simon Connell
4:00 PM - 4:45 PM	<b>Low Temperature Magneto-Transport</b> Speaker: Dr. Craig Knox
4:45 PM - 5:00 PM	Afternoon Break
5:00 PM - 6:00 PM	<b>Bragg Facility Tour</b>
7:15 PM - 10:00 PM	<b>Dinner</b> University House, Function Floor (2nd Floor), University House, Cromer Terrace/Lifton Place, University of Leeds, LS2 9JT

## Tuesday 17 December 2024

9:00 AM - 9:30 AM	Arrival Refreshments
9:30 AM - 10:15 AM	<b>2D Magnetism</b> Speaker: Dr. Brian Kiraly
10:15 AM - 11:00 AM	<b>Artificial Intelligence for Magnetic Materials Discovery</b> Speaker: Prof. Nicola Morley
11:00 AM - 11:15 AM	Morning Break
11:15 AM - 12:00 PM	<b>Muons for Magnetism</b> Speaker: Dr. Rhea Stewart
12:00 PM - 12:45 PM	<b>Molecular Magnetism</b> Speaker: Prof. Sandrine Heutz
12:45 PM - 1:30 PM	<b>Magnetism for Neuromorphic Computing</b> Speaker: Prof. Tom Hayward
1:30 PM - 2:30 PM	Lunch
2:30 PM - 3:15 PM	<b>XMCD</b> Speaker: Dr. Hari Babu Vasili
3:15 PM - 4:00 PM	<b>Polarised Neutron Scattering</b> Speaker: Dr. Christian Kinane
4:00 PM - 4:15 PM	End of Conference and Farewell