

## Tuesday, 11 June 2024, EMFL User Meeting

School of Physics & Astronomy, University of Nottingham, building 22 in the map  
<https://www.nottingham.ac.uk/sharedresources/documents/mapuniversitypark.pdf>

Start	End		Room
09:30	10:00	Arrival and coffee	B23
<b>PART I</b> (Chairperson, Amalia Patanè, Un. of Nottingham)			B1
10:00	10:10	<b>Welcome</b> Amalia Patanè, Un. of Nottingham, UK	
10:10	10:30	<b>Introduction</b> Charles Simon, CNRS, France	
10:30	11:00	<b>EMFL Prize and Lecture</b> Jochen Wosnitza, EMFL-HLD, Germany	
<b>PART II</b> (Chairperson, Jochen Wosnitza, EMFL-HLD, Germany)			B1
11:00	11:20	<b>Magneto-hydrodynamics in stars</b> Susanne Horn, Coventry, UK	
11:20	11:40	<b>Quantum nature of charge transport in inkjet-printed graphene revealed in high magnetic fields up to 60T</b> Oleg Makarovskiy, Un. of Nottingham, UK	
11:40	12:00	<b>Distinct switching of chiral transport in Kagome metals</b> Chunyu Guo, Max Planck Inst. for the Structure & Dynamics of Matter, Germany	
12:00	12:20	<b>Optical spectroscopy of new two-dimensional materials - experimental opportunities at the University of Warsaw</b> Adam Babinski, University of Warsaw, Poland	
12:20	14:00	Buffet lunch and Poster session	B23
<b>PART III</b> (Chairperson, Raivo Stern, Nat. Inst. of Chem. Physics & Biophysics, Estonia)			B1
13:20	14:00	<b>User Committee and Survey</b> Raivo Stern, Nat. Inst. of Chem. Physics & Biophysics, Estonia	
14:00	14:20	<b>Feedback session with Directors of the EMFL</b> Raivo Stern, Nat. Inst. of Chem. Physics & Biophysics, Estonia	
<b>PART IV</b> (Chairperson tbc)			B1
14:20	14:40	<b>Evidence for spin-mediated superconductivity in n-doped cuprates</b> Caitlin Duffy, LNCMI Toulouse, France	
14:40	15:00	<b>Unconventional Superconductivity in UTe<sub>2</sub> in extreme conditions</b> Georg Knebel, CEA Grenoble, France	
15:00	15:20	<b>Studies of hydride superconductors in pulsed magnetic fields up to 80 T using special high-pressure DACs</b> Dmitrii Semenok, HPSTAR, Beijing, China	
15:20	15:40	<b>Superconductivity: enabling transformative technologies</b> Antony Carrington, Un. of Bristol	
15:40	16:10	Coffee break and Poster session	B23
<b>PART V</b> (Chairperson tbc)			B1
16:10	16:30	<b>Magnetic field technologies</b> John Burgoyne, Oxford Instruments plc	
16:30	16:50	<b>Magnetic field technologies</b> M'hamed Lakrimi, Siemens Magnet Technology	
16:50	17:00	<b>Final remarks on funding opportunities and closure</b> Amalia Patanè, Un. of Nottingham	