

EMFL Spring School 2024

Monday 15 April 2024

Lecture session (14:00 - 15:15)

time	[id] title	presenter
14:00	[7] Fractionalisation and fractals in spin ice	MOESSNER, Roderich

Lecture session (15:45 - 17:00)

time	[id] title	presenter
15:45	[4] Permanent magnets and magnetocaloric materials - from fundamentals to energy applications	SKOKOV, Konstantin

Tuesday 16 April 2024

Lecture session (09:00 - 10:15)

time	[id] title	presenter
09:00	[10] The Remarkable Underlying Ground States of Cuprate Superconductors	PROUST, Cyril

Lecture session (10:45 - 12:00)

time	[id] title	presenter
10:45	[13] The utility of band theory in strongly correlated electron systems	ZWICKNAGL, Gertrud

Lecture session (14:00 - 15:15)

time	[id] title	presenter
14:00	[2] High magnetic fields and muon spin rotation	BLUNDELL, Stephen

Wednesday 17 April 2024

Lecture session (09:00 - 10:15)

time	[id] title	presenter
09:00	[5] My life with strong magnetic fields - 50 years of quantum Hall Effect	VON KLITZING, Klaus

Lecture session (10:45 - 12:00)

time	[id] title	presenter
10:45	[3] Unconventional Superconductivity Entering the Nickel Age	EREMIN, Ilya

Lecture session (14:00 - 15:15)

time	[id] title	presenter
14:00	[6] Quantum oscillations in quantum materials: the joy and the pain	MCCOLLAM, Alix

Thursday 18 April 2024

Lecture session (09:00 - 10:15)

time	[id] title	presenter
09:00	[9] Landau quantization phenomena in topological systems	PFLEIDERER, Christian

Lecture session (10:45 - 12:00)

time	[id] title	presenter
10:45	[11] Unconventional magnetism in spintronics: the emergence of altermagnetism and its new variants	SINOVA, Jairo

Lecture session (14:00 - 15:15)

time	[id] title	presenter
14:00	[1] Magneto-optical investigation of semimetals and semiconductors	Dr AKRAP, Ana

Friday 19 April 2024

Lecture session (09:00 - 10:15)

time	[id] title	presenter
09:00	[8] Novel concepts for electron dynamics in magnetic field	PATANE, Amalia

Lecture session (10:45 - 12:00)

time	[id] title	presenter
10:45	[12] Semimetals, Topology, Quantum oscillations	WIEDMANN, Steffen