

15th International Conference on Muon Spin Rotation, Relaxation and Resonance

Sunday 28 August 2022

Student Day: Tutorial (09:30-11:00)

-Conveners: Adam Berlie; Mark Telling

time	[id] title	presenter
09:30	[338] Introduction	Prof. DE RENZI, Roberto
09:35	[330] Introduction to muon spin spectroscopy	PRATT, Francis
10:00	[331] Computational techniques to support muon science	LIBORIO, Leandro
10:25	[332] Instrumentation for muon spectroscopy	Dr PROKSCHA, Thomas
10:50	[339] Discussion	

Student Day: Student Talks I (11:30-12:30)

-Conveners: Adam Berlie; Mark Telling

time	[id] title	presenter
11:30	[212] Nuclear magnetic resonance of ^7Li ions implanted in ZnO	ADELMAN, Jonah
11:45	[221] A wolf in sheep's clothing? Muon-induced magnetism in quantum spin ice	WU, Hank
12:00	[173] Negative muon spin relaxation in water and ice	KIMURA, Yoko
12:15	[160] Calculating muon sites and couplings from a high-throughput modelling perspective	Dr ISAH, Muhammad Maikudi

Student Day: Student Talks II (13:45-14:45)

-Conveners: Adam Berlie; Mark Telling

time	[id] title	presenter
13:45	[151] Development and test of a TDC and amplifier circuit for a multi-channel positron detector.	DE TORO SANCHEZ, Marta-Villa
14:00	[302] Inducing Quantum Criticality in CrCl_3 Under Pressure	GE, Yuqing
14:15	[295] Possible p-wave parity in Cr-based superconductor $\text{Pr}_{1-x}\text{Ce}_x\text{N}_2$	CHEN, Changsheng
14:30	[218] Data analysis for μSR experiments with negative muons.	Mr GILL, George

Student Day: Student Talks III (15:15-16:15)

-Conveners: Adam Berlie; Mark Telling

time	[id] title	presenter
15:15	[296] Profiling defect and charge carrier density in the $\text{SiO}_2/\text{4H-SiC}$ interface with Low-Energy Muons	MENDES MARTINS, Maria

15:30	[220] Development of magnetic resonance imaging (MRI) system using beta-NMR technique	Mr SUGISAKI, Takato
15:45	[200] Time-reversal symmetry breaking in nonsymmorphic type-I superconductor YbSb ₂	Ms KATARIA, Anshu
16:00	[281] Anomalous electrical transport in frustrated intermetallic RCuAs ₂ : the role of spin	ABEDI, Mae