

Thursday Posters

Indico ID	Programme Code	Title	Presenters
119	P-THU-1	Hydrogen diffusion observed in photoinduced YO_2 thin films	Yuya Komatsu
131	P-THU-2	Sodium Diffusion in Hard Carbon Studied by Small-Angle Neutron Scattering and Muon Spin Relaxation	Kazuki Ohishi
136	P-THU-3	Development of a stable measurement system for Radio-Frequency studies of muonium reactivity with metal nanoparticles and surface-adsorbed molecules in mesoporous hosts	Stephen Cottrell
348	P-THU-4	In-flight muon spin resonance and muonium interferometer	Sohtaro Kanda
152	P-THU-5	BEAMS: A New User-Friendly Program for Analyzing μSR Data	Alec Petersen
174	P-THU-6	Development of Transient μSR at J-PARC	Shoichiro Nishimura
180	P-THU-7	Broadband Adiabatic Inversion Cross Polarization (BRAIN-CP) for beta-NMR	Sydney Kreitzman
196	P-THU-8	LE- μSR Study of the Field Distribution and the Domain Shape near the Surface of Superconductors in the Intermediate State*	vladimir kozhevnikov
201	P-THU-9	Muon-spin relaxation investigation of magnetic bistability in a molecule-based material	Alberto Hernandez-Melian
208	P-THU-10	Low Energy Measurements in Low-Energy μSR	Thomas Prokscha, Zaher Salman
215	P-THU-11	Magnetic ground state of rutile-type oxide RuO_2 inferred from muon	Masatoshi Hiraishi
220	P-THU-12	Development of magnetic resonance imaging (MRI) system using beta-NMR technique (also Student Day presentation)	Takato Sugisaki
229	P-THU-13	Magnetic nature of wolframite MnReO_4	Elisabetta Nocerino
233	P-THU-14	Online learning to train users of muons and neutrons at ISIS	Peter Baker
251	P-THU-15	In situ, operando investigation of thin film devices using LE- μSR	Zaher Salman
257	P-THU-16	A MaxEnt- μSR study: Precursor effects of the Fe_3O_4 Verwey transition	Carolus Boekema
261	P-THU-17	Mott-insulating state of alkali-metal clusters in sodalite studied by μSR	Takehito Nakano
262	P-THU-18	TrimSP Simulations for Pressure Cell Stopping Fraction	Frank Elson
265	P-THU-19	Quadrupolar split resonance of ^8Li in LaAlO_3	Victoria Karner
266	P-THU-20	Structure of muoniated trimethylsilylvinyl radicals	Iain McKenzie
271	P-THU-21	Elemental Depth Profiling using Negative Muon Implantation and X-ray Tomography of a Copper based Bust representing: the Head of Crying Child.	Adrian Hillier
276	P-THU-22	CHNET-TANDEM experiment: Muonic Atoms X-Rays Spectroscopy for elemental characterization of ancient metal artifacts	Massimiliano Clemenza
278	P-THU-23	Ion Diffusion in Na Super Ionic Conductors (NaSICON)	Rasmus Palm
279	P-THU-24	Development of a highly pixelated detector array and a novel digitising DAE for the next generation ISIS instrument, Super-MuSR	Sam Franklin
280	P-THU-25	Magnetic surface state on pure and iron-doped palladium thin films	Gesa Welker
284	P-THU-26	Anisotropic hyperfine coupling of muonium in CeO_2 studied by muon spin relaxation	Akihiro Koda
291	P-THU-27	WITHDRAWN	
292	P-THU-28	^8Li βNMR studies of Epitaxial Thin Films of the 3D topological Dirac semimetal Sr_3SnO	Andrew MacFarlane
294	P-THU-29	Development of ultra-slow negative muon production	Hiroaki Natori
297	P-THU-30	Magnetic ground state of $\text{YbCo}_2\text{Zn}_{20}$ probed by muon spin relaxation	Wataru Higemoto
298	P-THU-31	Depth profiling of LE- μSR parameters with musrfit	Maria Mendes Martins
299	P-THU-32	Thermal desorption spectrometry system for complementary hydrogen measurements of μSR experiments	Ryosuke Kadono
301	P-THU-33	Simulating muon spin depolarisation in a nanostructured magnetic material	Rhea Stewart
303	P-THU-34	Investigating magnetic skyrmion in Pt/CoFeB/Ru multilayers with low-energy μSR	Yasmine Sassa
304	P-THU-35	Anomalous behaviour of the mixed phase of superconducting $\text{LaFeAsO}_{1-x}\text{F}_x$	Giacomo Prando
306	P-THU-36	Confirming the phase diagram of the Shastry-Sutherland model with $\mu^+\text{SR}$	Yuqing Ge
308	P-THU-37	Development of a drift tube for study of a quantum mechanical scattering of muons in helium gas	Shiro MATOBA
310	P-THU-38	Phase diagram and charge-dynamics of electron-doped osmium based $\text{Ba}_{1-x}\text{Na}_x\text{Ca}_x\text{OsO}_6$ spin-orbit-coupled Mott insulator	Samuele Sanna
312	P-THU-39	Thermal integrity test to muon production target by the induction heating system	Wonjun Lee
315	P-THU-40	Magnetic structure refinement in the Mott insulator NiS_2	Jonas A. Krieger
318	P-THU-41	Piezoelectric-driven uniaxial pressure cell for muon spin relaxation experiments	Hans-Henning Klaus
319	P-THU-42	Negative muon spin rotation and relaxation on superconducting MgB_2	Jun Sugiyama
321	P-THU-43	Muonium 1S-2S spectroscopy with improved statistics	Shinsuke Yamamoto
328	P-THU-44	Using the TCDFT method to determine muon quantum effects	Yue Yuan
210	P-THU-45	KAgF_3 : Using F- μSR states to measure magnetic materials	John Wilkinson