

Tuesday Posters

Indico ID	Programme Code	Title	Presenters
105	P-TUE-1	The internal magnetic field in a ferromagnetic compound $Y_2Co_{12}S_{12}P_7$	Kazuki Ohishi
110	P-TUE-2	Reinventing the Muon Decay Channel	Sydney Kreitzman
133	P-TUE-3	Negative muon spin rotation and relaxation study on Li metal	Jun Sugiyama
135	P-TUE-4	Magnetic dopants and spin-density waves: the $SrFe_{1-x}Mn_xAsO$ case	T. Shiroka
151	P-TUE-5	Development and test of a TDC and amplifier circuit for a multi-channel positron detector. (also Student Day presentation)	Marta-Villa de Toro Sanchez
154	P-TUE-6	Tracking Decay Positrons in a Magnetic Field for Muon Microscope Applications	Kenji Kojima
159	P-TUE-7	μ SR studies of dynamics in model biomembranes	Iain McKenzie
160	P-TUE-8	Calculating muon sites and couplings from a high-throughput modelling perspective (also Student Day presentation)	Muhammad Maikudi ISAH
190	P-TUE-9	Metal State with Spontaneously Broken Time-Reversal Symmetry above the Superconducting Phase Transition	Hans-Henning Klauss
192	P-TUE-10	Inverse Laplace Transform Approaches to β NMR Relaxation	Andrew MacFarlane, Derek Fujimoto
193	P-TUE-11	Intense Lyman-alpha light source for ultra-slow muon generation	Yu OISHI
195	P-TUE-12	LE- μ SR Study of the Meissner state. New Results on an Old Problem.	Vladimir Kozhevnikov
202	P-TUE-13	8Li Spin Relaxation as a Probe of the Modification of Molecular Dynamics by Inelastic Deformation of Glassy Polystyrene	Derek Fujimoto, W. Andrew MacFarlane
205	P-TUE-14	Small Sample Measurements at the Low Energy Muon Facility of PSI	Xiaojie Ni
206	P-TUE-15	A muon-spin relaxation study of type-I rhenium investigating time-reversal symmetry breaking in the superconducting state	David Jonas
207	P-TUE-16	The Muon Spectroscopy Computational Project	Leandro Liborio
346	P-TUE-17	Development of non-destructive and depth-selective quantification method of sub-percent carbon contents in steel by negative muon lifetime measurement	I-Huan Chiu
213	P-TUE-18	Investigation of doping and dopant dependence of n-type 4H-SiC with low-energy muon spin spectroscopy	Maria Mendes Martins
214	P-TUE-19	Local electronic structure of dilute hydrogen in gallium oxide	Masatoshi Hiraishi
217	P-TUE-20	Negative muons for the characterization of thin layers in Cultural Heritage artefacts	Matteo Cataldo
219	P-TUE-21	Breaking the barriers in understanding your data: Unbiased model selection for muon spin relaxation spectroscopy	Keith Butler
222	P-TUE-22	The interaction between positive muons and multiple quadrupolar nuclei	Stephen Blundell
227	P-TUE-23	Negative muon spin rotation and relaxation study on antiferromagnetic order of Na clusters in sodalite	Takehito Nakano
228	P-TUE-24	The mechanism of superconductivity in the controversial spinel oxide $LiTi_2O_4$ clarified with LE μ SR	Elisabetta Nocerino
230	P-TUE-25	A simulation study of muon transport in the Ultra-Slow Muon beamline at J-PARC	N. Teshima
232	P-TUE-26	Super-MuSR scientific design: Progress towards a step-change in muon capabilities at ISIS	Peter Baker
234	P-TUE-27	Status of negative muon at D-Line	Soshi Takeshita
236	P-TUE-28	Low temperature spin dynamics in the $S = 2$ kagome magnet $Fe_4Si_2Sn_7O_{16}$: An AC susceptibility, NMR and μ SR study	Rajib Sarkar
240	P-TUE-29	Studies of μ^+ Diffusion and Trapping in dilute Fe Alloys by Longitudinal μ^+ Spin Relaxation Technique	Nobuhiko Nishida
242	P-TUE-30	Present status of J-PARC MUSE	Koichiro Shimomura
245	P-TUE-31	Monopole-limited nucleation of magnetism in $Eu_2Ir_2O_7$	Giacomo Prando
246	P-TUE-32	Na^+ self-diffusion in Co-substituted $Na_2Ni_2F_2CoTeO_6$ Na-ion battery cathode material	Rasmus Palm
247	P-TUE-33	A μ SR investigation of the influence of inter-site impurities on quantum spin liquids.	Fabian Hotz
248	P-TUE-34	The new μ SR instrument FLAME at PSI	Hubertus Luetkens
249	P-TUE-35	An updated model for muonium in 6H-SiC	Rick (P.W.) Mengyan
250	P-TUE-36	Thin Film and Surface Preparation Chamber for the Low Energy Muons Spectrometer	Zaher Salman
255	P-TUE-37	Superconductivity in $TiSe_2$ Under Hydrostatic Pressure	Frank Elson
258	P-TUE-38	Analysis of Positively Charged Muonium and its Diffusion in Cadmium Oxide	Samuel Cathcart
259	P-TUE-39	Analysis of Positively Charged Muonium in Tin Oxide	Brittany Baker
260	P-TUE-40	The Ultra-Slow Muon beamline at J-PARC: the present status and future prospects	Sohtaro Kanda
302	P-TUE-41	Inducing Quantum Criticality in $CrCl_3$ Under Pressure (also Student Day presentation)	Yuqing Ge
313	P-TUE-42	Progress on the surface muon beamline S-Line at J-PARC MUSE	Akihiro Koda
323	P-TUE-43	Photophysical dynamics in $(CH_3NH_3)PbX_3$ ($X=Br, Cl$) single crystal perovskites studied by Muon-Spin Spectroscopy	Yasmine Sassa
347	P-TUE-44	Muon Sites in Hexagonal Ice	Amba Datt Pant
307	P-TUE-45	Shallow Muonium radical in κ -Ga $2O_3$ thin films	Roberto De Renzi