

ANSTO User Meeting 2021

Wednesday 24 November 2021

Advanced Materials (11:00-12:50)

time	[id] title	presenter
11:00	[24] Structural studies of solid-state ionic conductors at the limits of diffraction and beyond	LING, Chris
11:20	[94] Magnetoelastic coupling as a relaxation pathway for single ion magnets observed using inelastic neutron scattering.	MOLE, Richard
11:35	[36] Total scattering: science that's better than average	MARLTON, Frederick
11:50	[49] Single-Crystal-to-Single-Crystal Transformations of Metal–Organic–Framework–Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands	PERALTA, Ricardo
12:05	[168] Deuteration of Rec1-Resilin and its hydrogel for biomedical applications	WANASINGHA, Nisal
12:20	[137] Interfacial spin-structures in Pt/Tb ₃ Fe ₅ O ₁₂ bilayer films on Gd ₃ Ga ₅ O ₁₂ substrates	Ms YADAV, Roshni
12:35	[155] Operando investigation of a lead-acid battery with the IMBL.	Mr STONE, Chad

Advanced Materials (14:00-15:00)

time	[id] title	presenter
14:00	[65] In-situ X-ray diffraction for hydrogen sorption study of Mg-La alloys	KIM, Manjin
14:15	[156] Natural ageing behaviour in Al-Cu alloys containing Sc and Zr	JIANG, Lu
14:30	[50] Magnetic Nanochain Formation Studied by Small-Angle Scattering	Dr BARNESLEY, Lester

Thursday 25 November 2021

Advanced Materials (10:45-12:20)

time	[id] title	presenter
10:45	[228] Delivery of antimicrobials to bacteria by cubosome nanocarriers	CONN, Charlotte
11:05	[147] Chemical expansion and proton conductivity in vanadium-substituted variants of γ -Ba ₄ Nb ₂ O ₉	Mr BROWN, Alex
11:20	[8] Shape of nanopores in track-etched polycarbonate membranes	DUTT, Shankar
11:35	[185] Application of Inelastic Neutron Scattering for Thermoelectric Materials Study	YU, Dehong
11:50	[44] Origin of vertical slab orientation in blade-coated layered hybrid perovskite films revealed with in-situ synchrotron X-ray scattering	Mr TAN, Wen Liang