

Program 2-5 pm

Session 1: Honours Research	
14:05	Othman K. Al Bahri (UNSW) “Controlled Intercalation into Negative Thermal Expansion Structures: A Novel Approach Towards Zero Thermal Expansion Materials Synthesis”
14:20	Nicholas Shepherd (Western Sydney University) “Self-Assembly of an Imidazole-Bridged Heterometallic Cage”
14:35	Cheryl Wong (USyd) “Long-Range-Ordered Magnetism in P2-Type Layered Oxides with Honeycomb Lattices”
14:50	Mackenzie Hagan (UNSW) “Doped Lithium Lanthanum Titanate and Related Structural Materials for use as Solid State Electrolytes in an All-Solid-State Battery”
15:05	Daniel Fanna (Western Sydney University) “Structural Identification of Metallo-Supramolecular Systems Through Synchrotron Single Crystal X-ray Diffraction Techniques”
15:20	Sean Injac (USyd) “Structural and Magnetic Study of Ordered Double Perovskites”

Short break

Session 2: Graduate Research	
15:35	James C. Pramudita (UNSW) “Materials for Next Generation of Batteries”
15:50	Fred Marlton (UNSW) “Domain Switching Near Defects in Ferroelectric Lead Zirconate Titanate Ceramics during Electric Field Loading”
16:05	Tim Murphy (Western Sydney University) “XRD Analysis of Bismuth Mineralogy”
16:20	Patrick Tung (UNSW) “Diffuse X-ray Scattering Revealing Structural Disorder in Lead-Free Ferroelectrics”

**** The final presentation will be followed by refreshments (including wine, beer, and pizza), where the prize winners will be announced ****