

ANSTO User Meeting 2021

Wednesday 24 November 2021

Earth, Environment & Cultural Heritage (15:30-17:05)

time	[id] title	presenter
15:30	[54] From deep time to the present: An exploration of Aboriginal connections to South Australia's Riverland region	Prof. ROBERTS, Amy
15:50	[46] The structure and spectroscopy of solid propanal: A potential mineral for planetary astrobiology	ENNIS, Courtney
16:05	[16] Pioneer plant driven primary mineral weathering and secondary mineral formation in Fe ore tailings	Dr WU, Songlin
16:20	[111] Cuatros Amigos- the four stromatolites in a row. The first 3D image of the oldest evidence of life in the geologic record	Ms DOBSON, Michaela J
16:35	[199] High-resolution high throughput thermal neutron tomographic imaging of fossiliferous cave breccias from Sumatra	Ms SMITH, Holly Ellen
16:50	[70] Pressure-dependent changes in Zr coordination in silicate liquid: in vs. ex situ measurements	FARMER, Nicholas

Thursday 25 November 2021

Earth, Environment & Cultural Heritage (13:30-14:20)

time	[id] title	presenter
13:30	[28] Use of high-resolution technologies to understand the broken past	Dr WARD, Ingrid
13:50	[125] Leaving a mark on forensic science: Using synchrotron microscopy and spectroscopy to explore fingermark chemistry	BOSELEY, Rhiannon
14:05	[51] Understanding the generation and evolution of reaction-induced porosity in the replacement of calcite by gypsum: A combined microscopy, X-ray micro-tomography, and USANS/SANS study	KARTAL, Muhammet