



# User Meeting 2016

## Thursday 24 November 2016

### Concurrent Session 1: Advanced Materials I (10:30-12:30)

**-Conveners: David Turner**

time	[id] title	presenter
10:30	[262] Engineering "Disorder" : From Designing New Catalysts to Reactivity in Natural Systems	HOCKING, Rosalie
11:00	[165] Investigation of microstructural variations in cold sprayed titanium after heat treatment	Mr REN, Yuqi
11:15	[219] Understanding the Formation of Bimetallic Pd-Au Co-catalysts on TiO <sub>2</sub>	Mr CHAN, Andrew
11:30	[194] Probing Long- and Short-Range Disorder in Y <sub>2</sub> Ti <sub>2</sub> -xHf <sub>x</sub> O <sub>7</sub> by Diffraction and Spectroscopy	Dr ZHANG, Zhaoming
11:45	[257] Exploiting Pressure to Induce "Guest-Blocked" Spin Crossover	Dr NEVILLE, Suzanne
12:00	[238] Simultaneous orientation and strain determination in polycrystals using the Maia detector	Mr KIRKWOOD, Henry
12:15	[286] Development of Efficient Semiconductor Photocatalysts for Solar Energy Capture	Dr WATERHOUSE, Geoff