

Design, discovery and processing of functional porous solids

Thursday 8th June 2017

13:30 - 17:00

Building 27 Room 2003 (Chemistry Building)

University of Southampton, Southampton, SO17 1BJ

RSC-Mid Southern Counties are hosting a symposium to celebrate Bourke Award winner, Prof. Laura Gagliardi (University of Minnesota, USA).

Program:

13:45 – 14:15 - Dr. Matthew Potter

University of Southampton

Designing active sites for carbon capture and utilisation

14:15 – 14:45 - Dr. Lindsay Armstrong

University of Southampton

Computational modelling of carbon capture processes

14:45 – 15:15 - Dr. Darren Bradshaw

University of Southampton

Templating of MOF capsules

14:45 – 15:15 – Tea & Coffee

15:45 – 16:15 - Prof. Graeme Day

University of Southampton

Discovery of porous molecular crystals guided by computed energy-structure-function maps

16:15 – 17:00 – Prof. Laura Gagliardi

University of Minnesota

Bourke Lecture: Computationally Guided Discovery of Metal-Decorated Metal–Organic Frameworks Active for Catalysis