

# 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:

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**13:45 – 14:15 - Dr. Matthew Potter**

*University of Southampton*

Designing active sites for carbon capture and utilisation

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**14:15 – 14:45 - Dr. Lindsay Armstrong**

*University of Southampton*

Computational modelling of carbon capture processes

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**14:45 – 15:15 - Dr. Darren Bradshaw**

*University of Southampton*

Templating of MOF capsules

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**14:45 – 15:15 – Tea & Coffee**

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**15:45 – 16:15 - Prof. Graeme Day**

*University of Southampton*

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

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**16:15 – 17:00 – Prof. Laura Gagliardi**

*University of Minnesota*

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