

# Warwick Chemistry Departmental Seminar



**Dr William Unsworth**

*Winner of the 2018 RSC Higginbottom award*

University of York

Thursday 17 January 2019

4.00 pm, Physics Lecture Theatre, Science Concourse

## **“New approaches for the synthesis of spirocycles and macrocycles”**

In the first half of this lecture, Will is going to talk about work in his group to develop new dearomatising spirocyclisation reactions based on alkyne activation with various  $\pi$ -acidic metal catalysts. The second half will be about the group's work to develop new ways to prepare functionalised macrocycles using Successive Ring Expansion (SuRE) methods.

### **Biography**

After a postdoc with Prof Richard Taylor (in York), Will started his independent career in York in 2016 as a Leverhulme Trust early career fellowship. His group are focused the development of new synthetic methods to make useful molecules – especially spirocycles and macrocycles.