

Warwick Chemistry Departmental Seminar



Dr Josh Makepeace

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Thursday 7 March

4.00 pm, Physics Lecture Theatre, Science Concourse

‘Hydrogen-based energy storage: metal amide/imide catalysts for ammonia decomposition’

Abstract

Ammonia has the potential to enable the large-scale storage of renewable energy through the storage and transport of green hydrogen. Metal amides/imides are a promising new family of catalysts for releasing hydrogen from ammonia. *In situ* diffraction and isotope exchange reactions have begun to reveal the basis of the function of these materials.

Biography

After studying at Flinders University, South Australia, Josh completed his doctorate at the University of Oxford. Since 2015, Josh has been a Junior Research Fellow at St John's College, University of Oxford.