

SEMINAR

“Polyoxometalates and TEM”



Dr Jeremy Sloan
*Associate Professor/Reader in Electron
Microscopy*
University of Warwick, UK

Thursday 21 March, 2013
11am – 12noon
Science Lecture Theatre S11, Building 25

Abstract

TBA

Short Biography

Dr Sloan obtained his PhD in Materials in 1995 from the School of Engineering at the University of Wales. He then joined the Inorganic Chemistry Laboratory in Oxford in 1995, initially working with Prof. Malcolm L. H. Green FRS, and during this time discovered 2 x 2 and 3 x 3 atomic layer KI "Feynman Crystals" and 1D polyhedral chains of lanthanide, barium, cobalt and other halides in single walled nanotubes. In 1996 his position was extended to the Department of Materials and partly funded by the British Council and the Israel Science Foundation, initiating a collaboration with Prof. Reshef Tenne of the Weizmann Institute. In 2000 Dr Sloan was awarded a Royal Society University Research Fellowship and 2003 a Research Fellowship at Wolfson College. In 2004 he received the [FEI European Microscopy Award](#) at the ICEM in Antwerp. In January 2006 was appointed to a Senior Lectureship in the ATI, Surrey and in 2007 to a Readership in the School of Engineering and Materials Science at Queen Mary University of London before moving in 2008 to the School of Physics in the University of Warwick to a new post funded by the [Warwick Centre for Analytical Science \(WCAS\)](#) supported by the EPSRC.

Dr Sloan has recently been instrumental in the installation of new electron microscopy equipment at the University of Warwick including a second generation double-aberration corrected STEM/HRTEM. This equipment has been installed in a new purpose-built Suite in the new £24M **Materials and Analytical Sciences (MAS)** building recently completed for the Departments of Physics and Chemistry at Warwick.

Convenor:
Professor Joanne Etheridge
Director, MCEM

Visitors are most welcome: Please note that there are designated Visitors Car Parks clearly ground-marked by white paint and tickets, at a cost of \$11.10 for up to 3 hours, available from a dispensing machine. Please refer to the Clayton Campus Map at the following link for the various carparking facilities. http://fsd.monash.edu.au/files/claytoncolour_0.pdf