MONASH University
Centre for Electron Microscopy

SEMINAR

Exploring Optical Properties of Nanostructured Materials with Electron Microscopy

Dr Geoff Anstis
School of Physics and Advanced Materials
University of Technology, Sydney

Wednesday 6 July, 2011

11am – 12noon

Science Lecture Theatre S11, Building 26

Dr Geoff Anstis is a graduate of the School of Physics of Monash University and the University of Adelaide. He was introduced to the multi-slice method of simulating high-resolution images by Professor Alex Moodie and Dr Denis Lynch, then of the CSIRO's Division of Chemical Physics. Following positions in Arizona, Oxford and Sydney he joined the University of Technology, Sydney. His research interests are in using theoretical and computational methods to understand electron micrographs and diffraction. He has been involved in several studies elucidating the structures of dislocation cores and crystal interfaces. Most recently Dr Anstis has been interested in interpreting images of nanostructures which can support surface plasmon polaritons

During this Seminar, Dr Anstis will review how inelastic scattering of electrons has been used to understand the optical properties of nanostructures and discuss what new methods might increase our understanding.

Convenor: Associate Professor Joanne Etheridge
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Visitors are most welcome: Please note that there is a designated Visitors Car Park (S2) clearly ground-marked by white paint and tickets, at a cost of $3.50/hour for up to 3 hours, available from a dispensing machine. This high-rise car park is located on the following Clayton Campus Map, Ref. E3.

Printable version of the Clayton campus map (pdf 833 kb) (Please right click to open link)