



SEMINAR

New approaches to studying disordered materials with coherent scattering

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2.00 – 3.00pm
Science Lecture Theatre S11, Building 25

Abstract

While we know the least about them, disordered materials are technologically as important as crystalline materials. New approaches based on coherent scattering with electron or x-ray beams promise to reveal the structure of disordered structures beyond the short-range order that is seen by diffraction. I will particularly focus on fluctuation microscopy, and its applications to amorphous silicon using electrons. I will also discuss future trends and new tools to solve the age-old problem of non-crystalline materials.

Convenor: Associate Professor Joanne Etheridge
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Visitors are most welcome: Please note that there is a designated Visitors Car Park (N1) clearly ground-marked by white paint and tickets, at a cost of \$1.4/hour for up to 3 hours, available from a dispensing machine. This high-rise carpark is located on the following Clayton Campus Map, Ref. B2.

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