

Hilary Term 2009

CABDyN SEMINAR SERIES
Saïd Business School, University of Oxford



Convenors:

Felix Reed-Tsochas, *James Martin Institute, Saïd Business School*

Eduardo López, *Saïd Business School*



Our meetings intend to provide a forum for rigorous research (in a broad range of disciplines) focusing on complex adaptive systems, using methods and techniques such as agent-based modelling and complex network analysis. Since potential areas of application for such approaches can be located across the social, natural and engineering sciences, our aim is to involve participants from a wide range of departments in Oxford. We welcome talks which focus on particular areas of application and associated technical issues, but also encourage contributions which address more fundamental conceptual or mathematical problems. The CABDyN Seminar Series is one of the activities of the CABDyN Complexity Centre (<http://sbs-xnet.sbs.ox.ac.uk/complexity/>).

Tuesday 10th February, 12.30 – 2.00 pm

Seminar Room B, Saïd Business School

Dr Peter Dodd

**Division of Epidemiology, Public Health and Primary Care
Imperial College, London**

‘Some offbeat approaches to epidemics on networks’

ABSTRACT

Networks have become increasingly popular as a model for social interactions and their role in the spread of infectious diseases. We discuss two ongoing approaches: one to understand timing in contact-tracing interventions; the other to approximate the dynamics of epidemics on clustered networks.

Sandwiches and drinks will be provided

For further information contact info.cabdyn@sbs.ox.ac.uk

Seminar webpage: http://sbs-xnet.sbs.ox.ac.uk/complexity/complexity_seminars.asp