



SAID BUSINESS SCHOOL, University of Oxford

SEMINAR SERIES / MICHAELMAS 2010

Convenors: Felix Reed-Tsochas, Institute for Science, Innovation and Society,
Saïd Business School
Eduardo López, Saïd Business School

For further information please contact the Cabdyn Administrator:

info.cabdyn@sbs.ox.ac.uk

01865 288785

Seminar webpage:
www.cabdyn.ox.ac.uk/complexity_seminars.asp

Sandwiches and drinks will be provided

Please note: although the seminar programme detailed was correct at time of printing, seminar arrangements are subject to change - for the latest information, please check the seminar webpage.

Tuesday 19th October
(12.30pm - 2pm) James Martin Seminar Room

Dr Elizabeth Leicht

Senior Research Fellow, Complex Networks, University of Oxford

‘Variety in networks: modularity and multiple networks’

ABSTRACT

The first part of this talk will focus on key aspects of network structure, in particular modularity or community structure, methods for its detection, and implications for real networks. The talk will also highlight how modular, interacting, or multi-type networks can be exploited to alter the location of the phase transition marking the onset of large-scale connectivity in networks. Applications of this work relate to our understanding of disease spreading across geographic regions and how to engineer minimalist communications networks.



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