

ESRC Seminar Series
Complexity and Method in Social Sciences

My Kingdom for a Function:
What is gained by quantifying complex social science research?

9 May 2014
Humanities Building, H5.45
University of Warwick Coventry, CV4 7AL

- 10:30** **ARRIVAL / COFFEE**
- 11:00 – 11:15** **WELCOME: INTRO SEMINAR SERIES**
[Prof. David Byrne](#) (School of Applied Social Studies, Durham)
[Prof. Brian Castellani](#) (Sociology, Kent State, US)
[Dr Emma Uprichard](#) (Centre for Interdisciplinary Methodologies,
Warwick)
- 11:15-11:45** **QUICK ROUND OF NAMES / INTROS**
- 11.45 – 12:30** [PROF. PETER ALLEN](#)
(School of Management, Cranfield University; Editor in Chief of
Emergence: Complexity and Organization)
*Title: Unending Inductive / Deductive Methods in Complex Social
Systems*
- 12:30 – 1:15** **LUNCH**
- 1:20 – 1:30** Prof. Eve Mitleton-Kelly (LSE) on the Handbook
- 1:30 – 2:00** [DR RAJEEV RAJARAM](#)
(Mathematical Sciences, Kent State, US)
*Title: Modelling Trajectories and Densities across Time: A
Computational Approach using Differential Equations*

- 2:00 – 2:30** [DR THOMAS HOUSE](#) (tbc)
(Mathematics, Warwick)
Title to be confirmed
- 2.30 – 3:00** [PROF. BRIAN CASTELLANI](#)
(Sociology, Kent State, USA, University; Director of Complexity and Health Group, Kent State)
Title: Modelling Complex Systems: A Case-Based Computational Approach
- 3:00 – 3:20** **COFFEE**
- 3:20 – 4:00** [PROF. NIGEL GILBERT](#)
(Sociology, Surrey, Director Centre for Research in Social Simulation; Editor Journal of Artificial Societies and Social Simulation)
Title: Simulating Societies: A Computational Approach to Social Science
- 4:00 – 4:40** [PROF. ROBERT MACKAY](#)
(Mathematics, Warwick, Director Mathematical Interdisciplinary Research, Director of Centre for Complexity Science)
Title: Understanding, Prediction, Control and Design
- 4:40 – 5:15** OPEN DISCUSSION
- 5:15 – 5:30** PROF. DAVID BYRNE: *Reflections*
- 5:30** **END**
- 6:00** Dinner at Xanana's on Campus