

PROGRAM

20 October 2011 (Thursday)

- 8.30am Opening Address by Head, Civil Service Mr Peter Ong
- 8.45am Remarks by NTU President, Professor Bertil Andersson
- 8.55am Setting the Context
Connector: Paul Saffo
- 9.15am Professor John Holland
Professor of Psychology and Electrical Engineering & Computer
Science at University of Michigan

Steering Complex Adaptive Systems
- 10.15am Professor W. Brian Arthur
External Professor, Santa Fe Institute

How Do Systems Become Complex?
- 11.15am Blackberry Break & Refreshments
- 11.45am Professor Robert Axtell
George Mason University and Santa Fe Institute

*Very-Large-Scale Agent Systems and Emergent
Macroeconomics*
- 12.45pm Lunch
- 2.00pm Professor Chris Barrett
Virginia Bioinformatics Institute, Computer Science, Virginia
Tech

Globalized Decision Informatics

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2.55 pm Professor Jing Han Chinese Academy of Mathematics and
Systems Science, Beijing

Soft-Control on Multi-Agent Systems

3.45pm Blackberry Break & Refreshments

4.15pm Jan Vasbinder & the NTU Complexity Community
Nanyang Technological University

Complexity Studies at Nanyang Technological University

6.00pm Executive Time

7.30pm Dinner hosted by Peter Ong, Head, Civil Service, Singapore

PROGRAM

21 October 2011 (Friday)

- 9.00am Professor Peter Soot
Professor of Computational Science, University of Amsterdam
Simulating Complex Networks: From Molecules to Mankind
- 10.00 am Professor Neil Johnson
Department of Physics, University of Miami
Quantifying Future Conflicts, Terrorism and Financial Market Volatility: Different Problems, Same Complexity Models
- 11.00am Blackberry Break & Refreshments
- 11.30am Panel Session
Complexity Methods Workshop Speakers forming the Panel
- 1.00pm Reflections on Singapore Foresight Week
Panelists: Monique van Donzel and Richard O'Neill
- 1.30pm Closing Lunch hosted by Head, Civil Service Mr Peter Ong