

“Causality - Reality”

6 - 8 March 2017

Nanyang Executive Centre (NEC)
60 Nanyang View, Singapore 639673

Conference Program

Monday, 6 March

Venue: Auditorium, NEC Level 2

8:15am - Registration

9:00am - Opening address by President, Nanyang Technological University
Bertil ANDERSSON

9:10am - Welcome remarks by Director, Para Limes
Jan W. VASBINDER

Chair of the day: CHEONG Siew Ann, Associate Professor, Nanyang Technological University

9:30am - George RZEVSKI
Emeritus Professor, Complexity and Design Research Group, The Open University,
Milton Keynes, United Kingdom
*Managing organisation complexity: Practical methods and tools for adaptation and
causality analysis*

11:00am - Coffee break

11:30am - Stuart KAUFFMAN
Emeritus Professor - Biochemistry, The University of Pennsylvania, United States
Beyond physics: The emergence and evolution of life

1:00pm - Lunch

2:00pm - De Kai
Professor of Computer Science and Engineering, Hong Kong University of Science and
Technology
Translating reality to causality

3:30pm - Coffee break

4:00pm - Michael PUETT
Walter C. Klein Professor of Chinese History, Department of East Asian Languages and
Civilizations, Harvard University, United States
Rethinking notions of causality and reality: Indigenous theories from China

5:30pm - End of day one

5:45pm - Cocktail reception
Venue: Auditorium lobby

Conference Program

Tuesday, 7 March

Venue: Auditorium, NEC Level 2

Chair of the day: Mikhail FILIPPOV, Research Fellow, Nanyang Technological University

- 9:00am - James BAILEY
Independent Scholar, United States
Schooling for life K-12
- 10:30am - Coffee break
- 11:00am - Nick OBOLENSKY
Chief Executive Officer, Complex Adaptive Leadership, United Kingdom
A military view
- 12:30pm - Lunch
- 1:30pm - Ernst PÖPPEL
Ludwig-Maximilians-University Munich, Germany
Trust as basis for the concept of causality: A biological speculation
- 3:00pm - Coffee break
- 3:30pm - Stefan THURNER
Professor for Science of Complex Systems at the Medical University of Vienna and
President of Complexity Science Hub, Vienna
How complexity weakens causality - emerging dangers - and ways out
- 5:00pm - End of day two

Event for speakers and invited guests only

- 5:15pm - Transport pick up at NEC guest wing lobby to National Gallery Singapore,
1 St. Andrews Road
- 6:00pm - Guided tour at National Gallery Singapore
- 7:15pm - Dinner at Aura, #05-03 National Gallery Singapore
- 9:15pm - Transport pick up to NEC guest wing lobby

Conference Program

Wednesday, 8 March

Venue: Auditorium, NEC Level 2

Chair of the day: Jan W. VASBINDER, Director, Para Limes, Nanyang Technological University

- 9:00am - Ilan CHABAY
Head of Strategic Research Initiatives and Fellowships, Institute for Advanced Sustainability Studies (IASS) and Chair of the Knowledge, Learning, and Societal Change International Research Alliance (KLASICA), Potsdam, Germany
Behavioral causality - Anthropocene reality
- 10:30am - Coffee break
- 11:00am - Peter EDWARDS
Director, Singapore-ETH Centre
Technological myopia
- 12:30pm - Lunch
- 1:30pm - Mile GU
Nanyang Assistant Professor and National Research Foundation Fellow, Complexity Institute and School of Mathematical and Physical Sciences, Nanyang Technological University
Quantum simplicity: Can quantum mechanics better isolate the causes of natural things?
- 3:00pm - Coffee break
- 3:30pm - Sydney BRENNER
Senior Fellow, A*STAR, Singapore
Causality in evolution
- 5:00pm - Closing remarks by Jan W. Vasbinder

Closing dinner for speakers & invited guests only

- 5:45pm - Transport pick up at NEC guest wing lobby to The Arena Country Club, 511 Upper Jurong Road
- 6:15pm - Dinner at Tung Lok Seafood Restaurant
- 8:15pm - Transport pick up to NEC guest wing lobby