ECONOMICS & NETWORK ANALYSIS

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NEW ANALYTICAL TOOLS AND TECHNIQUES FOR ECONOMIC POLICYMAKING
OECD-NAEC and Baillie Gifford

Speakers: Rajan Patel, Gert Buiten, Thomas Hurd, Igor Linkov.
ECONOMICS AS A COMPLEX SYSTEMS
Complex Systems are embedded in space

Source: René Doursat - course on complex systems, ISC-PIF
Complex Systems are embedded in space

Source: René Doursat - course on complex systems, ISC-PIF
French Political Twitter sphere - politoscope.org

Aug.-Dec 2016

David Chavalarias, CNRS ; CAMS & ISC-PIF - chavalarias.com
Network properties
Robustness and resilience of economics networks
Robustness and resilience of economics networks

source: Stefano Battiston et al., https://www.sg.ethz.ch/research/ownership-networks

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Complex systems non linearities

Complex systems non linearities

Robustness and resilience of multiplex networks


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NEW ANALYTICAL TOOLS AND TECHNIQUES FOR ECONOMIC POLICYMAKING - Networks session

- Rajan Patel, Technical Specialist, Bank of England *Textual complexity in bank regulation*
- Gert Buiten, Senior Researcher, and Sjoerd Hooijmaaijers, Researcher, Statistics Netherlands *A methodology for estimating the Dutch interfirm trade network*
- Thomas Hurd, Professor of Mathematics, McMaster University, Toronto: *Systemic Cascades in Financial Network*
- Igor Linkov, Risk and Decision Science Team Lead, US Army Engineer Research and Development Center: *Resilience and Efficiency in Interconnected Networks*