

Workshop I: Systemic Risk and Financial Networks

Monday March 23, 2015

- 8:00–8:55 *Check-In/Light Breakfast (Hosted by IPAM)*
- 8:55–9:00 *Welcome and Opening Remarks*
- 9:00–9:45 **Tom Hurd** (McMaster University)
Contagion! The Spread of Systemic Risk in Financial Networks
- 10:00–10:45 **Stefan Weber** (Leibniz Universität Hannover)
An Integrated Model of Systemic Risk in Financial Networks
- 11:00–11:30 *Break*
- 11:30–12:15 **Edson Bastos** (University of São Paulo (USP))
Systemic Risk: Beyond the Financial Sector
- 12:30–2:00 *Lunch (on your own)*
- 2:00–2:45 **Hamed Amini** (École Polytechnique Fédérale de Lausanne (EPFL))
Default Cascades in Inhomogeneous Financial Networks
- 3:00–3:45 **Andreea Minca** (Cornell University)
Funding liquidity risk modeling: a game theoretic approach
- 4:00–4:30 *Break*
- 4:30–5:15 **Christian Gourieroux** (University of Toronto)
Contagion and Systematic Risk: an Application to the Survival of Hedge Funds
- 5:30–7:00 *Poster Session & Reception (Hosted by IPAM)*

Tuesday March 24, 2015

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00–9:45 **Marco Frittelli** (Università di Milano)
A unified approach to systemic risk measures via acceptance set
- 10:00–10:45 **Thilo Meyer-Brandis** (Ludwig-Maximilians-Universität München)
Conditional systemic risk measures
- 11:00–11:30 *Break*

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- 11:30–12:15 **Alireza Tahbaz-Salehi** (Columbia University)
Financial Intermediation Networks (with Marco Di Maggio)
- 12:30–2:00 *Lunch (on your own)*
- 2:00–2:45 **Nina Boyarchenko** (Federal Reserve Bank of New York)
Liquidity Policies and Systemic Risk
- 3:00–3:45 **Justin Sirignano** (Stanford University)
New Data-Driven Approaches to Mortgage Risk
- 4:00–4:30 *Break*
- 4:30–5:15 **Andrei Kirilenko** (Massachusetts Institute of Technology)
Complexity and self-organization in financial markets: evidence from trading networks

Wednesday March 25, 2015

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00–9:45 **Damir Filipovic** (École Polytechnique Fédérale de Lausanne (EPFL))
Systemic Risk with Central Counterparty Clearing
- 10:00–10:45 **Paul Glasserman** (Columbia University)
Hidden Illiquidity with Multiple Central Counterparties
- 11:00–11:30 *Break*
- 11:30–12:15 **Samim Ghamami** (Federal Reserve Board)
Static Models of Central Counterparty Risk
- 12:30–2:00 *Lunch (on your own)*
- 2:00–2:45 **Agostino Capponi** (Columbia University)
Liability Concentration and Systemic Losses in Financial Networks: Comparisons via Majorization
- 3:00–3:45 **Alexander Shkolnik** (University of California, Berkeley (UC Berkeley))
Systemic Risk in the Repo Market
- 4:00–4:30 *Break*
- 4:30–5:15 **Michael Gordy** (Federal Reserve Board)
Multi-name default intensity models under stochastic time-change

Thursday March 26, 2015

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00–9:45 **Ciaimac Moallemi** (Columbia University)
Asset-based Contagion Models for Systemic Risk
- 10:00–10:45 **Richard Bookstaber** (Office of Financial Research US Treasury)
An Agent-based Model for Financial Vulnerability
- 11:00–11:30 *Break*
- 11:30–12:15 **Maryam Farboodi** (Princeton University)
Strategic Opaqueness: A Cautionary Take on Securitization
- 12:30–2:00 *Lunch (on your own)*
- 2:00–2:45 **Azarakhsh Malekian** (University of Toronto)
Network security and contagion
- 3:00–3:45 **Stefano Battiston** (University of Zurich)
Leverage the network: a stress test framework based on DebtRank
- 4:00–4:30 *Break*
- 4:30–5:15 **Grzegorz Halaj** (European Central Bank)
Complex networks of corporate lending

Friday March 27, 2015

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00–9:45 **Carole Bernard** (Grenoble Ecole de Management)
Implied systemic risk index
- 10:00–10:45 **Luitgard Veraart** (London School of Economics and Political Science)
Systemic risk in network models with incomplete information
- 11:00–11:30 *Break*
- 11:30–12:15 **Richard Sowers** (University of Illinois at Urbana-Champaign)
Geometry of Defaults

