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 Hałaj** (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