

Third Annual NSF Conference on Network Science in Economics

April 28 – 30, 2017

Knight Executive education & Conference Center

Washington University in St. Louis

Friday, April 28, 2017 – All talks in Room 220

6:30 – 9:00am	BREAKFAST
10:30 – 11:15am	Tomasz Michalak: “Hiding Individuals and Communities in a Social Network”
11:15 – 11:45am	COFFEE
11:45am – 12:30pm	Leonie Baumann: “Identifying the best agent in a network”
12:30 – 2:00pm	LUNCH
2:00 – 2:45pm	Manuel Forster: “Dynamics of Strategic Information Transmission in Social Networks”
2:45 – 3:15pm	COFFEE
3:15 – 4:00pm	Takuo Sugaya: “Maintaining Privacy in Cartels”
4:00 – 4:30pm	COFFEE
4:30 – 5:15pm	Ali Makhdoumi: “Privacy-constrained network formation”
6:00 – 7:00pm	[Note change] Informal and optional social hour on 8 th floor of Moonrise Hotel

Saturday, April 29, 2017

Parallel Sessions & Poster Session

Session chairs: the last speaker in each session will serve as session chair

6:30 – 8:00am BREAKFAST

8:00 – 9:30 Sessions

Advertising and Pricing (Room 220)

Antonio Jimenez Martinez: “Discrimination through ‘versioning’ with advertising in random networks”

Ozan Candogan: “Competitive Equilibrium and Trading Networks: A Network Flow Approach”

Eduard Talamas: “Bargaining in Networked Markets and the Law of One Price”

Network Formation (Room 340)

Norma Olaizola: “A ‘marginalist’ connections model of network formation”

Sudipta Sarangi: “Network formation with multigraphs and strategic complementarities: the silver spoon effect”

Xu Tan: “Seeking Relationship Support: Strategic network formation and robust cooperation”

9:30 – 10:00 COFFEE

10:00 – 11:30 Sessions

Network Structure and Finance (Room 220)

Marco van der Leij: “The formation of a core-periphery structure in heterogeneous financial networks”

Glenn Magerman: “The Origins of Firm Heterogeneity: A Production Network Approach”

[Cancellation]

Demography and Social Networks (Room 340)

Lorenzo Ductor: “Gender and Social Networks”

Jeremy Koster: “Primordial Markets: Transitions from Kin-Based Food Sharing Networks to Commodification”

Joshua Blumenstock: “Social Networks and Migration”

11:30 – 12:30 LUNCH

12:30 – 1:30 ***Poster Session*** (Room 211)

Triwit Ariyathugun: “Inefficient monitoring by financial intermediaries”

Federica Bianchi: “Market uncertainty and the network structure of transaction sequences in the EU interbank money market”

Julia Poncela-Casasnovas: “Embeddedness and transaction history protect companies from link failure in economic networks”

Antonios Garas: “Selection rules in alliance formation: strategic decisions or abundance of choice”

Wade Hann-Caruthers: “Anonymous network games”

Zafer Kanik: “Mergers and Contagion in Financial Networks”

Muxin Li: “Effects from cohesive peers vs from structurally equivalent peers”

Gustavo Nicolas Paez: “International production structures, productivity and income differences”

Shahir Safi: “The Weakness of Weak Ties in Referrals: An Obstacle for the Upwardly Mobile Black Men in the Private Sector”

Yinan Su: “The Reflection Channel of Shock Transmission in Production Networks”

Yasuyuki Todo: “Accounting for Heterogeneity in Network Formation Behavior: An Application to Vietnamese SMEs”

Mathijs De Vaan: “Micro-structural foundations of network inequality: Evidence from observational data and field experiments”

Christian Zimmermann: “Coauthorship Networks and Research Output”

1:30 – 3:00 Sessions

Information and Influence (Room 220)

Arnold Polanski: “The impact of externalities and transmission networks on the value of information”

Michel Grabisch: “A model of anonymous influence with anti-conformist agents”

Emily Breza: “Combating Rumors: Evidence from a Field Experiment during the Indian Demonetization”

Financial Markets and Stability (Room 340)

Agostino Capponi: “Bails-in and bail-outs: incentives, connectivity, and systemic stability”

Mohammad Akbarpour: “Diffusion in networks and the unexpected virtue of burstiness”

Christoph Aymanns: “Illiquidity spirals in coupled over-the-counter markets”

3:00 – 3:30 COFFEE

3:30 – 5:00 Sessions

Social Learning (Room 220)

Arun Chandrasekhar: “Signaling, Stigma, and Silence in Social Learning”

Agnieszka Rusinowska: “The degree measure as a utility function for positions in weighted networks”

Brendan Lucier: “Reaching Consensus via non-Bayesian Asynchronous Learning in Social Networks”

Network Games and Estimation (Room 340)

Eric Auerbach: “Identification and estimation of models with endogenous network formation”

Vincent Boucher: “The Estimation of Network Formation Games with Positive Spillovers”

Xun Tang: “Identification and Estimation of Large Network Games with Incomplete Link Information”

7:00pm CONFERENCE DINNER (for presenters): GROW Pavilion, St. Louis Science Center

Sunday, April 30, 2017

Parallel Sessions

Session chairs: the last speaker in each session will serve as session chair

6:30 – 8:00am BREAKFAST

8:00 – 9:30 Sessions

Diffusion and Search (Room 220)

Matt Leduc: “Pricing and Referrals in Diffusion on Networks”

Jacopo Perego: “Searching for Information and the Diffusion of Knowledge”

Niccolo Lomys: “Sequential Collective Search in Networks”

Measurement and Structure (Room 340)

Arun Chandrasekhar: “Feasibly identifying network structure without network data: an ARD approach”

Johannes Stroebel: “Measuring Social Connectedness”

Michael Ward: “Homophily and Social Network Engagement: Evidence from a Video Gaming Network”

9:30 – 10:0 COFFEE

10:00-11:30 Sessions

Production and Innovation Networks (Room 220)

Chaojun Wang: “Core-Periphery Trading Networks”

Vincent Vannetelbosch: “R&D Network Formation with Myopic and Farsighted Firms”

Nicolas Carayol: “How do inventor networks affect urban invention?”

Theory and Equilibrium (Room 340)

Emerson Melo: “A variational approach to network games”

Evan Sadler: “Peer-confirming equilibrium”

Matt Leister: “Coordination on networks”

11:30-12:00 COFFE + BOX LUNCH PICKUP

12:00 – 1:30 Sessions

Social Networks and Groups (Room 220)

Francis Bloch: “The formation of partnerships in social networks”

Ana Mauleon: “Constitutions and Groups in Social Networks”

PJ Lamberson: “Sharing Expertise versus Sharing Information: Optimal networks for team collaboration and problem solving”

Information and Value (Room 340)

Dan Hauser: “Bounded rationality and learning: A framework and a robustness result”

Matt Jackson: “The friendship paradox and systematic biases in perceptions and social norms”

Armando Gomes: “Optimal Information Production Structures by Intermediaries: Relative Valuation and Balanced Designs in Firm-Analyst Bipartite Networks”

1:30pm Conference concludes