

Program and Location

The conference will be hosted at spatial.chat.

Instructions for interacting with the space are available [here](#).

(If you need the password, please email networksciecon@gmail.com.)

Presentations will last 18 minutes, with 2 minutes for questions and changeovers.

There will be a 5 minute break after the first two talks in each session.

All times are listed in US Eastern Daylight Time.

March 26, 2021: Special Sessions and Posters

10:30 AM to 12:15 PM ET	<p><u>Amphitheater</u></p> <ul style="list-style-type: none"> <p>Network Topology and Market Structure <i>Ying-Ju Chen - HKUST, Yves Zenou - Monash, Junjie Zhou* - NUS</i> Paper Link Abstract</p> <p>(In)efficiency in Dealer Networks <i>Daniele Condorelli* - University of Warwick, Andrea Galeotti - London Business School, Ludovic Renou - Queen Mary University</i> Abstract</p> <p>Searching for Results: Optimal Platform Design in a Network Setting <i>George Charlson* - University of Cambridge</i> Paper Link Abstract</p> <p>Brokerage and Market Power <i>Syngjoo Choi - Seoul National University, Sanjeev Goyal - University of Cambridge, Frederic Moisan* - EMLyon Business School</i> Paper Link Abstract</p>
12:15 PM to 12:30 PM ET	<i>Break</i>
12:30 PM to 1:00 PM ET	<i>Poster Slam</i>
1:00 PM to 1:30 PM ET	<i>Poster Session (See Posters program.)</i>

March 26, 2021: Special Sessions and Posters

1:30 PM to 2:00 PM ET *Socializing and Poster Session (See [Posters program](#).)*

2:00 PM to 2:15 PM ET *Break*

2:15 PM to 4:00 PM ET **Amphitheater**

- **International Trade and Social Connectedness**

Michael Bailey - Facebook, Abhinav Gupta - NYU Stern, Sebastian Hillenbrand - NYU Stern, Theresa Kuchler - NYU Stern, Robert Richmond - NYU Stern, Johannes Stroebel - NYU Stern*

[Paper Link](#)

Abstract

- **How Automation that Substitutes for Labor Affects Production Networks, Growth, and Income Inequality**

Matthew O. Jackson - Stanford University, Zafer Kanik - University of Glasgow*

[Paper Link](#)

Abstract

- **Capability Accumulation and Conglomeratization in the Information Age**

Jun Chen - Renmin University of China, Matthew Elliott - Cambridge University, Andrew Koh - Oxford University*

[Paper Link](#)

Abstract

- **Earnings Inequality in Production Networks**

Federico Huneus - Central Bank of Chile, Kory Kroft - University of Toronto, Kevin Lim - University of Toronto*

[Paper Link](#)

Abstract

March 27, 2021: Parallel Sessions (3 Tracks) and Posters

10:30 AM to 12:20 PM ET	<u>IO 1 (Nashville)</u>	<u>Network Formation (Bloomington)</u>	<u>Network Games 1 (Stanford)</u>
	<ul style="list-style-type: none"> • Network Bottlenecks and Market Power <i>Vasco M Carvalho* - Cambridge, Matt Elliott - Cambridge, John Spray - IMF</i> Abstract • Court Quality and Economic Resilience 	<ul style="list-style-type: none"> • Coalition-Proof Stable Networks <i>Chenghong Luo* - UCLouvain & Ca'Foscoari University, Ana Mauleon - UCLouvain & Saint-Louis, Vincent Vannetelbosch - UCLouvain</i> Paper Link Abstract 	<ul style="list-style-type: none"> • Free Riding in Networks <i>Markus Kinateder - Navarra, Luca Paolo Merlino* - Antwerp</i> Paper Link Abstract • Perceived Competition in Networks <i>Olivier Bochet* -</i>

March 27, 2021: Parallel Sessions (3 Tracks) and Posters

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|---|---|--|
| <p><i>Dimas Fazio*</i> -
<i>National</i>
<i>University of</i>
<i>Singapore,</i>
<i>Thiago Silva</i> -
<i>Central Bank of</i>
<i>Brazil, Janis</i>
<i>Skrastins</i> -
<i>Washington</i>
<i>University in St.</i>
<i>Louis</i>
Paper Link
Abstract</p> <p>• Network-based Hiring; Local Benefits; Global Costs
<i>Arun G.</i>
<i>Chandrasekhar</i> -
<i>Stanford,</i>
<i>Melanie Morten</i> -
<i>Stanford,</i>
<i>Alessandra</i>
<i>Peter*</i> - <i>IIES</i>
<i>Stockholm</i>
Paper Link
Abstract</p> <p>• Revenue Volatility under Uncertain Network Effects
<i>Opher Baron</i> -
<i>University of</i>
<i>Toronto, Ming</i>
<i>Hu</i> - <i>University</i>
<i>of Toronto,</i>
<i>Azarakhsh</i>
<i>Malekian*</i> -
<i>University of</i>
<i>Toronto</i>
Paper Link
Abstract</p> <p>• The Network Origins of Entry
<i>Arthur Campbell</i>
- <i>Monash, Philip</i>
<i>Ushchev*</i> - <i>HSE,</i></p> | <p>• A Simple Model of the Power Elite
<i>Sihua Ding*</i> - <i>Nankai,</i>
<i>Marcin Dziubiński</i> -
<i>Warsaw, Sanjeev Goyal</i>
- <i>Cambridge</i>
Abstract</p> <p>• Multiplex Formation
<i>Sumit Joshi</i> - <i>George</i>
<i>Washington University,</i>
<i>Ahmed Saber Mahmud</i>
- <i>Johns Hopkins,</i>
<i>Hector Tzavellas*</i> -
<i>George Washington</i>
<i>University</i>
Paper Link
Abstract</p> <p>• Shadow Links
<i>Manuel Foerster</i> -
<i>Bielefeld University,</i>
<i>Ana Mauleon</i> - <i>UC</i>
<i>Louvain & Saint-Louis,</i>
<i>Vincent</i>
<i>Vannetelbosch*</i> - <i>UC</i>
<i>Louvain</i>
Abstract</p> <p>• Segregation versus Assimilation in Friendship Networks with Farsighted and Myopic Agents
<i>Chenghong Luo</i> - <i>UC</i>
<i>Louvain, Ana Mauleon*</i>
- <i>UC Louvain & Saint-</i>
<i>Louis, Vincent</i>
<i>Vannetelbosch</i> - <i>UC</i>
<i>Louvain</i>
Paper Link
Abstract</p> | <p><i>NYU Abu Dhabi,</i>
<i>Mathieu Faure</i> -
<i>ASME, Yan Long</i> -
<i>Huazhong</i>
<i>University, Yves</i>
<i>Zenou</i> - <i>Monash</i>
Paper Link
Abstract</p> <p>• Attack and Interception in Networks
<i>Francis Bloch*</i> -
<i>Université Paris 1</i>
<i>and Paris School</i>
<i>of Economics,</i>
<i>Kalyan Chatterjee</i> -
<i>Penn State,</i>
<i>Bhaskar Dutta</i> -
<i>Ashoka and</i>
<i>Warwick</i>
Abstract</p> <p>• Contests with Network Externalities - Theory & Experiment
<i>Luke Boosey*</i> -
<i>FSU, Christopher</i>
<i>Brown</i> - <i>Purdue</i>
Abstract</p> <p>• Persuasion with Verifiable Information
<i>Maria Titova*</i> -
<i>UCSD</i>
Paper Link
Abstract</p> |
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March 27, 2021: Parallel Sessions (3 Tracks) and Posters

Yves Zenou -

Monash

Abstract

12:20

PM

to

Break

12:50

PM

ET

12:50

PM

to

Poster Slam

1:20

PM

ET

1:20

PM

to

Poster Session (See [Posters program.](#))

1:50

PM

ET

1:50

PM

to

Socializing and Poster Session (See [Posters program.](#))

2:20

PM

ET

2:20

PM

to

Break

2:40

PM

ET

2:40

PM

to

4:00

PM

ET

Financial Networks 1
(Nashville)

- **Contagion in the European Sovereign Debt Crisis: A Structural Network Analysis**
Brent Glover - Carnegie Mellon,

Peer Effects (Bloomington)

- **Network Peer Effects without Network Data: Identification, Estimation, and Validation via Graphical Lasso Network-Detection**
Alan Griffith* - University of Washington, Sida Peng - Microsoft Research

Technology.

Applications (Stanford)

- **Digital Privacy**
Itay P. Fainmesser - Johns Hopkins, Andrea Galeotti - London Business School, Ruslan Momot* - HEC Paris

March 27, 2021: Parallel Sessions (3 Tracks) and Posters

Seth Richards- Shubik* - Lehigh Paper Link Abstract	Abstract	Paper Link Abstract
• Origins of International Factor Structures Zhengyang Jiang* - Northwestern, Robert Richmond - New York University Paper Link Abstract	• On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks Juan Estrada* - Emory University, Kim P. Huynh - Bank of Canada, David T. Jacho-Chavez - Emory University, Leonardo Sanchez-Aragon - ESPOL University Paper Link Abstract	• The Economics of Data Externalities Shota Ichihashi* - Bank of Canada Paper Link Additional Link Abstract
• Portfolio Allocation and Systemic Risk in a Financial Network Jorge Lorca* - Central Bank of Chile, Emerson Melo - Indiana University Bloomington Abstract	• Social Networks and the Stepping Stone Effect: The Case of Tobacco and Marijuana Anton Badev* - Federal Reserve Board Paper Link Additional Link Abstract	• The Spillovers from R&D Grants to Small Businesses Reach Far Across Geographic and Technological Space Kyle Myers* - Harvard University, Lauren Lanahan - University of Oregon Paper Link Abstract
• Contagion and Equilibria in Diversified Financial Networks Victor Amelkin* - Amazon, Santosh Venkatesh - University of Pennsylvania, and Rakesh Vohra - University of Pennsylvania	• Social Network Design for Inducing Effort Pinar Yildirim* - University of Pennsylvania, Max Wei - University of Southern California, Christophe Van den Bulte - University of Pennsylvania, Joy Lu - Carnegie Mellon University Paper Link Abstract	• Getting Blockchain Incentives Right Zahra Ebrahimi - Carnegie Mellon University, Bryan R. Routledge* - Carnegie Mellon University, Ariel Zetlin-Jones - Carnegie Mellon University Paper Link Abstract

March 28, 2021: Parallel Sessions (3 Tracks)

10:30 [Development \(Nashville\)](#)

[Econometrics: Theory](#)

[Learning 1 \(Stanford\)](#)

March 28, 2021: Parallel Sessions (3 Tracks)

AM to 11:50 AM ET	<ul style="list-style-type: none"> • Casting a Wider Net; Sharing Information Beyond Social Networks <i>Manzoor Dar - ICRISAT, Alain de Janvry - Berkeley, Kyle Emerick* - Tufts, Erin Kelley - World Bank, Elisabeth Sadoulet - Berkeley</i> Paper Link Abstract • Financial Technology Adoption <i>Sean Higgins* - Northwestern</i> Paper Link Abstract • 5 minute break • Propagation and Insurance in Village Networks <i>Cynthia Kinnan* - Tufts, Krislert Samphantharak - UCSD, Robert Townsend - MIT, Diego Vera-Cossio - IADB</i> Paper Link Abstract • Direct and Indirect Effects of Financial Access on SMEs <i>Jing Cai* - University of Maryland, Adam Szeidl - Central European University</i> Abstract 	<p>(Bloomington)</p> <ul style="list-style-type: none"> • Identification and Estimation of Network Models with Nonparametric Unobserved Heterogeneity <i>Andrei Zeleneev* - University College London</i> Paper Link Additional Link Abstract • Policy Targeting under Network Interference <i>Davide Viviano* - UC San Diego</i> Paper Link Additional Link Abstract • 5 minute break • Spectral Estimation of Large Stochastic Blockmodels with Discrete Nodal Covariates <i>Angelo Mele* - JHU, Lingxin Hao - JHU, Joshua Cape - UPitt, Carey E. Priebe - JHU</i> Paper Link Additional Link Abstract • Identifying the Latent Space Geometry of Network Models Through Analysis of Curvature <i>Shane Lubold - University of Washington, Arun G. Chandrasekhar*</i> 	<ul style="list-style-type: none"> • Homophily in Information Networks: Sampling Herding <i>Yunus C. Aybas* - Stanford, Matthew O. Jackson - Stanford</i> Abstract • Debunking Rumors in Networks <i>Luca P. Merlino - University of Antwerp, Paolo Pin - University of Siena and Bocconi, Nicole Tabasso* - Ca'Foscari and University of Surrey</i> Paper Link Abstract • 5 minute break • Aggregative Efficiency of Bayesian Learning in Networks <i>Krishna Dasaratha - University of Pennsylvania, Kevin He* - University of Pennsylvania</i> Paper Link Abstract • Information Aggregation in Social Networks <i>Christopher Brown - Purdue, Svetlana</i>
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March 28, 2021: Parallel Sessions (3 Tracks)

		- Stanford University, Tyler H. McCormick - University of Washington Paper Link Abstract	Pevnitskaya* - FSU Abstract
11:50 AM to 12:30 PM ET	Break and socializing		
12:30 PM to 1:50 PM ET	<u>Econometrics: Applied (Nashville)</u> <ul style="list-style-type: none"> • The Role of Referrals in Immobility, Inequality, and Inefficiency in Labor Markets Lukas Bolte* - Stanford, Nicole Immorlica - Microsoft Research, Matthew O. Jackson - Stanford Paper Link Abstract • The Local Structures of Human Mobility in Chicago James Saxon* - Chicago Paper Link Additional Link Abstract • 5 minute break • Peer Effects on Social and Academic Skills Roman Andres Zarate* - University of Toronto Paper Link Abstract • Recovering Network Structure from Aggregated Relational Data using Penalized Regression Hossein Alidaee* - Northwestern, Eric Auerbach - Northwestern, Michael Leung - USC Paper Link Abstract 	<u>IO 2 (Bloomington)</u> <ul style="list-style-type: none"> • Product Differentiation and Oligopoly: a Network Approach Bruno Pellegrino* - University of Maryland Paper Link Abstract • Ownership Networks and Firm Growth: What Do Forty Million Companies Tell Us About the Chinese Economy? Franklin Allen - Imperial College London, Junhui Cai* - University of Pennsylvania, Xian Gu - Durham University, Jun "QJ" Qian - FISF & Fudan University, Wu Zhu - University of Pennsylvania Paper Link Abstract • 5 minute break 	<u>Network Games 2 (Stanford)</u> <ul style="list-style-type: none"> • Contagion in Graphons Selman Erol - CMU, Francesca Parise - Cornell, Alex Teytelboym* - Oxford Paper Link Additional Link Abstract • Innovation and Strategic Network Formation Krishna Dasaratha* - University of Pennsylvania Paper Link Abstract • 5 minute break • When Influencers Compete on Social Networks Christophe Bravard - Grenoble, Jacques Durieu - Grenoble, Sudipta Sarangi* - Virginia Tech,

March 28, 2021: Parallel Sessions (3 Tracks)

	<ul style="list-style-type: none"> • Subcontracting Network Formation Among US Airline Carriers <i>Lei He - York College of Pennsylvania, Georgia Kosmopoulou* - University of Oklahoma</i> Paper Link Additional Link Abstract • Network Effects of Agency Conflicts <i>Yiqing Xing - Johns Hopkins, Rakesh Vohra - University of Pennsylvania, Wu Zhu* - University of Pennsylvania</i> Paper Link Additional Link Abstract 	<ul style="list-style-type: none"> <i>Corinne Touati - INRIA</i> Paper Link Abstract • Peer Effects with Endogenous Interactions <i>Vincent Boucher* - Laval University, Asadul Islam - Monash University, Xiaodong Liu - University of Colorado Boulder, Yves Zenou - Monash University</i> Abstract
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1:50
PM
to
2:40
PM
ET
Break and Socializing

2:40 PM to 4:05 PM ET	<u>Financial Networks 2 (Nashville)</u>	<u>Learning 2 (Bloomington)</u>	<u>Production Networks (Stanford)</u>
	<ul style="list-style-type: none"> • Tiered Intermediation in Business Groups and Targeted SME Support <i>Yu Shi - IMF, Robert Townsend - MIT, Wu Zhu* - University of Pennsylvania</i> Paper Link Additional Link Abstract • Bank Lending Networks and the Propagation of Natural Disaster <i>Ivan Ivanov* - Fed Board,</i> 	<ul style="list-style-type: none"> • Reputation Building Under Observational Learning <i>Harry Pei* - Northwestern</i> Paper Link Abstract • Psychological Distance and Deviations from Rational 	<ul style="list-style-type: none"> • Industry Returns in Global Value Chains: The Role of Upstreamness and Downstreamness <i>Nicole Branger - University of Muenster, René Marian Flacke - University of Muenster, Paul</i>

March 28, 2021: Parallel Sessions (3 Tracks)

<p>Marco Macchiavelli - Fed Board, Joao Santos - NY Fed</p> <p>Paper Link Additional Link</p> <p>Abstract</p> <ul style="list-style-type: none"> 5 minute break Commit Not to Compete: Collusion versus Liquidity Sharing via Interbank Markets <p>Dean Corbae* - Wisconsin, Michael Gofman - Rochester</p> <p>Paper Link Additional Link</p> <p>Abstract</p>	<p>Expectations</p> <p>Harjoat Bhamra - Imperial College London, Raman Uppal* - Edhec Business School, Johan Walden - University of California Berkeley</p> <p>Paper Link Additional Link</p> <p>Abstract</p> <ul style="list-style-type: none"> 5 minute break Social Connectedness and the Market for News <p>Rachel Kranton - Duke, David McAdams* - Duke</p> <p>Paper Link</p> <p>Abstract</p> <ul style="list-style-type: none"> Social Inequality and the Spread of Misinformation <p>James Siderius* - MIT, Mohamed Mostagir - UMich</p> <p>Paper Link</p> <p>Abstract</p>	<p>Meyerhof - University of Muenster, Steffen Windmüller* - TUM School of Management</p> <p>Paper Link Additional Link</p> <p>Abstract</p> <ul style="list-style-type: none"> Optimal Monetary Policy in Production Networks <p>Jennifer La'O - Columbia, Alireza Tahbaz-Salehi* - Northwestern</p> <p>Paper Link</p> <p>Abstract</p> <ul style="list-style-type: none"> 5 minute break Disruption and Rerouting in Supply Chain Networks <p>John Birge* - Chicago, Agostino Capponi - Columbia, Peng-Chu Chen - U. of Hong Kong</p> <p>Paper Link</p> <p>Abstract</p> <ul style="list-style-type: none"> Production Network Dynamics and the Propagation of Shocks <p>Federico Huneus* - Central Bank of Chile</p> <p>Paper Link Additional Link</p> <p>Abstract</p>
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