

Organization Science Winter Conference

Technology and the Modern Organization

March 1-3, 2018
Park City, Utah



Thursday - March 1st, 2018

4:00pm - 5:00pm

Registration

Marriott, Foyer A

5:00pm - 6:30pm

Opening Reception with Dinner Buffet

Prospector Ballroom 3

6:30pm - 7:00pm

Greetings and Introduction to "Technology and the Modern Organization"

*Prospector
Ballrooms 1 & 2*

Gautam Ahuja
Linda Argote

7:00pm - 7:30pm

Technology and Organization

*Prospector
Ballrooms 1 & 2*

Speaker: Todd Zenger (University of Utah)

7:30pm - 9:30pm

Plenary Panel: The Impact of Technological Transformation on Organization and Workplace

*Prospector
Ballrooms 1 & 2*

Session Chair: PK Toh

Abhishek Nagaraj (Berkeley)

Christian Catalini (MIT)

Ethan Bernstein (Harvard)

Melissa Valentine (Stanford)

Sharique Hasan (Duke)

Friday - March 2nd, 2018

7:00am - 8:00am

Breakfast Buffet

Prospector Ballroom 3

8:00am - 10:00am **Plenary Panel: Tools, Technology, and Strategic Decision Making: New Research Directions**

Prospector
Ballrooms 1 & 2

Session Chair: Koen Heimeriks

Analytical tools and the practices of validation in the production of strategic knowledge - *Callen Anthony* (Boston College)

Drones and the emergence of new organizations - *Katrin Smolka* (Erasmus)

Implementing an Open Innovation Strategy: A Case Study of Online and Offline Collaborative Interaction in the German Automotive Industry - *Rick Aalbers* (Radboud University), *Miriam Wilhelm* (University of Groningen) and *Eoin Whelan* (Natuinal University of Ireland)

Social Media, Loyalty, and Organizational Performance - *Anil Doshi* and *Shiladitya Ray* (UCL)

Strange bedfellows: power and politics in post-merger integration - *Melissa Graebner* (UT Austin) and *Koen Heimeriks* (WBS)

10:00am - 4:00pm **Winter Activities & Social Networking**

3:30pm - 6:00pm **Interactive Poster Session I & Refreshments**
Silver Mine *see list of posters*

6:00pm - 6:45pm **Dinner Buffet**
Prospector Ballroom 3

6:45pm - 8:10pm **Plenary Panel**
Prospector
Ballrooms 1 & 2
Session Chair: Anne Marie Knott

Technology and Market Orders: Exploring the Consequences of Third Party Generated Categorical and Classification Infrastructure - *Daniel B. Sands*, *Gino Cattani*, *Jason Greenberg*, and *Joseph Porac* (NYU)

Automation and experience: Investigating changes in human capital within occupations - *Anke Schulz* (LMU)

Intermittent social influence balances exploration and learning in collective intelligence - *Ethan Bernstein* (Harvard), *Jesse Shore* (BU) and *David Lazer* (Northeastern)

Search strategies in an interactive networking game - Anne Ter Wal, Valentina Tartari, and *Bálint Diószegi* (Imperial College)

8:20pm - 10:00pm

Plenary Panel: Technological Ecosystems and the Adaptation of Workers and Organizations

Prospector
Ballrooms 1 & 2

Session Chair: Anita Woolley

Marshall Van Alstyne (BU)
Param Singh (CMU)
Prasanna Tambe (Wharton)
Carliss Baldwin (Harvard)

Saturday, March 3rd

7:00am - 8:00am

Breakfast Buffet

Prospector Ballroom 3

8:00am - 10:00am

Plenary Panel

Prospector
Ballrooms 1 & 2

Session Chair: Xavier Martin

Why Reinvent the Wheel? Perils and Pathways of Technology Forgetting - *Felix Arndt* and *Wilson Ng*

How do organizations cope with competing innovations? Learning from the implementation of different dialysis practices in hospitals - *Paola Boscolo*, *Nelson Phillips* and *James Barlow* (Imperial College)

Cooperating through Technology: The Emergence of Generalized Exchange - *Sheen Levine*

Technology and strategic organizational pacing: A multi-level framework - *Anindya Ghosh* (ISB) and *Xavier Martin* (Tilburg University)

Pass on the Baton: Technological Advocacy in Postoperative Handoffs and its Effects on Routine Interfaces and Employee Voice - *Sonja Förster*, *Stefano Brusoni* (ETH), *Michael Burtscher* (University of Zurich), *Bastian Grande* & *Michaela Kolbe* (University Hospital Zurich)

10:00am - 3:30pm

Winter Activities & Social Networking

3:30pm - 6:00pm **Interactive Poster Session II & Refreshments**
Silver Mine *see list of posters*

6:00pm - 7:30pm **Dinner Buffet**
Prospector Ballroom 3

7:30pm - 9:30pm **Plenary Panel and Conference Wrap up**
Prospector *Session Chair: Gino Cattani*
Ballrooms 1 & 2

Ann Majchrzak (USC)
Ching Ren (University of Minnesota)
Stefano Brusoni (ETH)
Gautam Ahuja (Cornell)

Thank you!

Interactive Poster Session I - Friday

Handling Complexity: Standardization, Superior Knowledge Development and Specialization - *Gautam Ahuja* (Cornell) and *Elena Novelli* (City University)

Human and Material Agency on the move: A Sociomaterial Perspective on Algorithmic Organizing and Decision-Making - *Verena Bader* and *Stephan Kaiser* (Bundeswehr University)

Can Reputation Discipline the Gig Economy? Experimental Evidence from an Online Labor Market - *Alan Benson* (UMN), *Aaron Sojourner* and *Akhmed Umyarov*

The Dynamics of Design Microstructures in Open Collaboration: A Motif Perspective - *Sabine Brunswicker* (Purdue), *Jeff Nickerson* (Stevens) and *Satyam Mukherjee* (IIM, Udaipur)

Technology and the Erosion of Trust in the Corporation-Customer Relationship - *Amit Das* (Qatar University)

The Sociomateriality of Teamwork - *Leslie DeChurch*, *Jacqueline Ng* (Northwestern), *Paul Leonardi* (UCSB) and *Noshir Contractor* (Northwestern)

Learning races in buyer-supplier relationships and its effects on tie strength - *Jose Mauricio Geleilate* (UMass Lowell)

Blockchain-based organizational governance: Returns of cryptocurrencies - *Ying-Ying Hsieh* (Western University)

Nowcasting the Local Economy: Using Yelp Data to Measure Economic Activity - Edward L. Glaeser, *Hyunjin Kim* and Michael Luca (Harvard)

Creative Synthesis and Breakthrough Innovations - *Haibo Liu* (University of California, Riverside)

Governance of Distant Search Over the Internet - Arvind Malhotra (UNC) and *Ann Majchrzak* (USC)

Do Firms Learn from the Failure Experience of Others?: An Interrupted Time-Series Design of Medical Device Innovation Failure In Pioneers - *David Maslach* (Florida State)

Upstream Innovation in the Face of Technological Change: Evidence from an Advanced Materials Maker in the Semiconductor Lithography Industry - *Won Kyung Min* (Fordham) and Jin Kim (Corning)

Effectance-Enhancing Monitoring in the Gig Economy: When Technology Increases Control and Motivation - *Peter Norlander*, Arup Varma, Nenad Jukic, Svetlozar Nestorov (Loyola University)

Security outside the Digital Box: Emergent Research Opportunities for the Management Discipline in the Organizational Cognitive Security Domain - *Clay Posey* (University of Central Florida)

The Genesis of the Pre-Commercialization Innovation Ecosystem: Knowledge Generation, Transfer, and Recombination in the Pre-Commercialization Phase of Charge-Coupled Device Image Sensors—1969-1994 - *Raja Roy* (New Jersey Institute of Technology), MB Sarkar (Temple University) and Curba Lampert (Florida International University)

Competing Across Platforms: Antecedents of Platform Mobility - *Yongzhi Wang* (Ohio State), Nandini Rajagopalan and Lori Qingyuan Yue (USC)

Interactive Poster Session II - Saturday

Failed Exploration Experiments: Helpful, Mostly Harmless, or Harmful? - *Ryan Angus* (University of Utah), Matt Barlow (University of Texas at El Paso), and Bill Schulze (University of Utah)

Leadership Duality in the Bio-pharmaceutical Industry: How Evolution of Complementary Resources Supports Incumbents and Entrants - *Navid Asgari* (Fordham), Vivek Tandon (Temple), Kulwant Singh (NUS) and Will Mitchell (Rotman)

Making a Grey Hole: What it Took to Reduce the Risk of the Deviant Practices Required to Get Results from a Degraded Surgical Robot - *Matthew Beane* (UCSB)

The transition from physical to virtual models and its consequences for search processes: A historical study of prototyping in jetfighter development at Saab 1937-2017 - *Marie Bengtsson*, Cecilia Enberg (Linköping University) and Fredrik Tell (Uppsala University)

Knowledge Spillovers, Absorptive Capacity, and Productivity: Evidence from Enterprise Software - Peng Huang (Maryland), *Marco Ceccagnoli* (Georgia Tech), Chris Forman (Cornell) and D.J. Wu (Georgia Tech)

Connecting, converging and committing: Managing local collaboration and global field assemblage through opening innovation - *Karl Dionne* (HEC) and Paul Carlile (BU)

No Bandwidth, no problem: The advantages of structural diversity in unfavourable informational environments - *Ayeda Kemp* (UT Dallas)

How does automation affect collaboration and knowledge production by workers within different types of organizations? - *Harsh Ketkar* (UMich)

Complex Learning: Evidence from U.S. Manufacturing - Nilanjana Dutt (Bocconi University) and *Megan Lawrence* (Vanderbilt University)

Hyperloop Transportation Technologies, Inc.: A Startup Using the Gig Economy for Its Core Business - *Ann Majchrzak* (USC), Terri Griffith (Santa Clara), Luca Giustiniano (LUISS University)

When Old Truths Become New Falsehoods: Unlearning in the Light of Technological Discontinuities - *Dirk Martignoni* (USI Lugano) and Thomas Keil (University of Zurich)

Goldilocks and the Three Programmers: Unpacking the Relationship Between Online Contributions and Productivity at Work - Hila Lifshitz-Assaf (NYU) and *Frank Nagle* (USC)

Technologies as mediators: People, materiality and nature in the composition of an Arctic expedition - *Nadezda Nazarova* (Nord University) and Jan Mouritsen (Copenhagen Business School)

A New Way of Engaging with Stakeholders: Crowdfunding and the Advantage of Social Ventures - Vanessa Burbano, Natalie Carlson and *James Ostler* (Columbia)

Feeding the Most Populous Nation through One of its Least Developed Industries - *Chan Park* (WU)

Corporate proximity, risk preference and timing of new product introductions - *Punit Sharma* (UCI)

Knowledge Transfer via Information Intermediaries: Evidence from Venture Capital Investments - *Moonsik Shin* and Umit Ozmel (Purdue)

Digital Innovation and Nascent Ecosystems: Shaping Organizations through Architectural Entrepreneurship - *Richard Tee* (LUISS University)