

**ISS Networks Team Workshop:  
Search and Diffusion on Social Networks  
November 8-11, 2006  
423 ILR Conference Center**

***Wednesday, Nov. 8***

- 1:00 – 2:15 Public Lecture, *Creativity and Social Networks*, [Ronald Burt](#), Sociology and Strategy, University of Chicago Graduate School of Business
- 2:15 – 2:30 Registration & Refreshments
- Session Chair: [Geri Gay](#), ISS Networks Team Member and Kenneth J. Bissett Prof. & Chair of Communication, Faculty of Computing and Information Sciences, Stephen H. Weiss Presidential Fellow, Director of the Human Computer Interaction Lab.
- 2:30 – 2:45 Introduction
- 2:45 – 3:45 *Behavioral Graph Coloring*, [Michael Kearns](#), Computer and Information Science, University of Pennsylvania
- 3:45 – 4:45 *Ayatollahs on the Pareto Frontier*, David Patel, Government, Cornell University
- 4:45 – 5:00 Break
- 5:00 – 6:00 *Cyberinfrastructure and Social Network Research*, [Noshir Contractor](#), Speech Communication, Psychology, and Coordinated Science Laboratory, University of Illinois
- 7:00 – 9:00 Group dinner at [Madeline's](#) (To RSVP, email [socialsciences@cornell.edu](mailto:socialsciences@cornell.edu).)

***Thursday, Nov. 9***

- Session Chair: [Jeffrey Prince](#), ISS Networks Team Member and Asst. Prof. of Applied Economics and Management
- 8:15 – 8:45 Continental Breakfast
- 8:45 – 9:45 *Learning and exploiting statistical dependencies in networks*, [David Jensen](#), Computer Science, University of Massachusetts
- 9:45 – 10:45 *Perspectives on Node Centrality*, [Steve Borgatti](#), Organization Studies, Boston College
- 10:45 – 11:00 Break
- 11:00 – 12:00 *Public Goods in Networks*, [Rachel Kranton](#), Economics, University of Maryland
- 12:00 – 1:30 Lunch

***Thursday, Nov. 9, continued***

Session Chair: [Dan Huttenlocher](#), ISS Networks Team Member; John P. & Rilla Neafsey Prof. of Computing, Information Science and Business and Stephen H. Weiss Fellow, Prof. of Computer Science, and Prof. and Corning Director of Technology Management, Johnson Graduate School of Management

1:30 – 2:30 *Algorithmic Models for Search and Contagion*, [Jon Kleinberg](#), Computer Science, Cornell University

2:30 – 2:45 Break

2:45 – 3:45 *Diffusion of Behavior and Equilibrium Properties in Network Games*, [Matthew Jackson](#), Political Science, Stanford University

5:30 – 6:30 Drinks (Participants will make individual dinner plans.)

***Friday, Nov. 10***

Session Chair: [Larry Blume](#), ISS Networks Team Member, Prof. of Economics, and Sante Fe Institute External Faculty Member

8:15 – 8:45 Continental Breakfast

8:45 – 9:45 *Identification Problems in Social Learning*, [Charles Manski](#), Economics, Northwestern University

9:45 – 10:45 *Dynamic Networks, Statistics, and Simulations*, [Bruce Kogut](#), Strategy, INSEAD

10:45 – 11:00 Break

11:00 – 12:00 *Understanding the Inputs into Innovation*, [Shane Greenstein](#), Management and Strategy, Kellogg School of Management

12:00 – 1:30 Lunch

Session Chair: [Kathleen O'Connor](#), ISS Networks Team Member and Assoc. Prof. of Management and Organizations, Johnson School of Management

1:30 – 2:30 *When Does Networking Work?*, [Duncan Watts](#), Sociology, Columbia University

2:30 – 2:45 Break

2:45 – 3:45 *Diffusion of Recommendations in Online Social Networks*, [Lada Adamic](#), School of Information, University of Michigan

3:45 – 4:00 Break

4:00 – 5:00 *Second-Hand Brokerage*, [Ronald Burt](#), Sociology and Strategy, University of Chicago Graduate School of Business

7:00 – 7:45 Wine reception

7:45 – 9:00 Group Dinner (Taylor Room, Statler Hotel) [To RSVP, email [socialsciences@cornell.edu](mailto:socialsciences@cornell.edu).]  
**Saturday, Nov. 11**

Session Chair: [John Abowd](#), ISS Networks Team Member, Edmund Ezra Day Prof. of Industrial & Labor Relations and Information Science, Director of the Cornell Institute for Social and Economic Research, and Distinguished Senior Research Fellow at the United States Census Bureau

8:15-8:45 Continental Breakfast

8:45 – 9:45 *Markov Logic: A Rich Modeling Language for Social Networks*, [Pedro Domingos](#), Computer Science and Engineering, University of Washington

9:45 – 10:00 Break

10:00 – 11:00 *Limits of Diffusion Potential on Dynamic Networks*, [James Moody](#), Sociology, Duke University

11:00 – 11:15 Break

11:15 – 12:15 Concluding Panel Discussion

[David Strang](#), Chair of the ISS Diffusion Workshop Organizing Committee, Networks Team Member, Prof. of Sociology

[Larry Blume](#), ISS Networks Team Member, Prof. of Economics, and Santa Fe Institute External Faculty Member

[Dan Huttenlocher](#), ISS Networks Team Member; John P. & Rilla Neafsey Prof. of Computing, Information Science and Business and Stephen H. Weiss Fellow, Prof. of Computer Science, and Prof. and Corning Director of Technology Management, Johnson Graduate School of Management

12:30 Lunch