DATA-INTENSIVE COLLABORATION IN SCIENCE AND ENGINEERING

Workshop #2 | 11 February

Organizers
Matthew Bietz
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AGENDA

MORNING
9:00-10:00: Welcome and Introductions
10:00-10:30: Framing Data-Intensive Collaboration
10:30-11:00: Break
11:00-12:15: "Fishbowl" discussions of common themes
12:15-12:30: Plan breakout sessions

AFTERNOON
14:00-15:30: Break-outs
15:30-16:00: Break
16:00-16:30: Report back from breakouts
16:30-17:00: Fun
17:00-17:30: Wrap-up and future plans
19:00: Dinner
Prior Workshops

- CSCW 2008: Designing Cyberinfrastructure to Support Science
- CSCW 2010: The Changing Dynamics of Scientific Collaborations
- HICSS 2011: The Changing Dynamics of Scientific Collaborations

Special Issue

A LARGER CONVERSATION

Within CSCW/HCI
- Design of information infrastructures
- Knowledge management & communities of practice
- Scientific collaboration / collaboratories
- Visualization and analysis tools
- Social media, crowds, digital divide

In Other Fields
- Information science
- Science, Technology & Society / Social Studies of Science
- Computer science
- Organizational Science (e.g. MIS/OCIS)
- Etc.
THE CSCW ADVANTAGE

Interdisciplinary
- Social sciences, computer science, history, philosophy
- Academic, corporate, government, non-profit, military

Sociotechnical
- A deep understanding of the relationships between technological systems and social structures

Connecting Empirical Analysis, Theoretical Understanding, and Design
- Multiple methods
  - Qualitative and Quantitative
  - Field observations, experimental studies, design interventions
- Across Scales
WHY “DATA-INTENSIVE COLLABORATION?”

- Cyberinfrastructure is too broad
- Cyberinfrastructure is too narrow
- The time is right
INTRODUCTIONS: WORKSHOP SPEED-DATING

2 rows of chairs facing each other
Introduce yourself to the person across from you
1 ½ minute each (3 min./pair)
On command, row 2 moves one seat to their left