Workshop on Collaborative Software Engineering Tools

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Goals and Scope of the Workshop

- **Understanding Collaboration and Software Tools**
  - Real world setting informed by research
  - Mutual Education

- **Aspects of the Scope**
  - Difficulties in studying and supporting collaboration
  - NASA Problems and Opportunities
  - UCI Research Technology, Studies, and Opportunities
Logistics

- Sessions
  - Usually 1 hour 15 minutes
  - Talks are 15 minutes including clarifying questions
  - 15 minutes of discussion
  - Break for more discussion
To advance software and information technology through research partnerships.

ISR is the only organization focused on Software Research within the University of California system.

http://www.isr.uci.edu/
Within the University Context...

- 15 Faculty Associates
- 40 Ph.D. students
- 2 Visiting Scholars
- ~9 Staff members (technical and administrative)
Faculty

- Richard N. Taylor
  UCI/ICS and Director of ISR
- Mark Ackerman
  University of Michigan
- Paul Dourish
  UCI/ICS
- Alfonso Fuggetta
  Politecnico di Milano
- Les Gasser
  University of Illinois at Urbana-Champaign
- Alfred Kobsa
  UCI/ICS
- Gloria Mark
  UCI/ICS
- Simon Penny
  UCI/School of the Arts and the School of Engineering.

- David F. Redmiles
  UCI/ICS
- Debra J. Richardson
  UCI/ICS and ICS Dept. Chair
- David S. Rosenblum
  UCI/ICS
- Scott Samuelsen
  UCI/School of Engineering and Director, Advanced Power and Energy Program (APEP)
- Walt Scacchi
  UCI/ICS
- André van der Hoek
  UCI/ICS
- E. James Whitehead
  UC Santa Cruz
Research Emphases
http://www.isr.uci.edu/research.html

- **Analysis and Testing**
  Debra J. Richardson  David S. Rosenblum

- **Computer Supported Cooperative Work**
  Mark Ackerman  Paul Dourish
  Alfred Kobsa  Gloria Mark
  David Redmiles

- **Configuration Management**
  André van der Hoek  Jim Whitehead

- **Development Environments**
  David F. Redmiles  David S. Rosenblum
  Debra J. Richardson  Richard N. Taylor
  André van der Hoek

- **Human-Computer Interaction**
  Paul Dourish  Alfred Kobsa
  Simon Penny  David F. Redmiles

- **Hypermedia**
  Alfred Kobsa  David F. Redmiles
  Richard N. Taylor  Jim Whitehead

- **Internet-scale Event Notification**
  Alfonso Fuggetta  David S. Rosenblum

- **Open Source**
  Mark Ackerman  Alfonso Fuggetta
  Les Gasser  Walt Scacchi
  Jim Whitehead

- **Software Acquisition and Electronic Commerce**
  Walt Scacchi

- **Software Architecture**
  David F. Redmiles  David S. Rosenblum
  Richard N. Taylor  Scott Samuelson
  André van der Hoek

- **Software Engineering Education**
  André van der Hoek

- **Software Understanding**
  Paul Dourish  David F. Redmiles
How can companies get involved?

- **Research Partnerships enabling Collaborative Research Teams**
  - External funding from Government or Industry sources (NSF, DoD/DARPA, NASA, etc.)
  - Internal funding from Corporate Partner

- **Research Affiliates**
  - Corporate sponsored research project
  - Graduate student research fellowship
  - ISR research presentations on-site

- **Research Sponsors**
  - Corporate affiliation on ISR Web Site and Events
For More Information

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