



**Institute for Software Research:
Welcome**

Richard N. Taylor
Director and Professor

<http://www.isr.uci.edu/>

With the generous support of...



California Institute for Telecommunications and Information Technology



Mission: ISR is dedicated to...

- fostering innovative **basic and applied research** in software and information technologies;
- working with established companies, start-ups, government agencies, and standards bodies to develop and **transition the technologies** to widespread and practical application;
- **educating** the next generation of software researchers and practitioners in advanced software technologies; and
- supporting the **public service** mission of the University of California in developing the economic basis of the State of California.

Our Research Areas

- Analysis and Testing
- Computer Supported Cooperative Work
- Configuration Management
- Design
- Environments
- Human-Computer Interaction
- Hypermedia
- Information Visualization
- Event Notification Systems
- Open Source Software Development
- Privacy and Security
- Software Acquisition and Electronic Commerce
- Software Architecture
- Software Engineering
- Software Engineering Education
- Software Understanding
- Systems Modeling and Engineering
- Ubiquitous Computing

Types of Industry Relationships

(w/ examples)

- Sponsored Research
 - ◆ Boeing Anaheim: “Software Defined Radio”;
 - ◆ Intel Corporation: “Trustable Technology”
- Joint Research
 - ◆ NASA JPL: Mars Science Laboratory
- Joint Research w/ Federal Sponsorship
 - ◆ Lockheed Martin: DASADA program (AWACS-related)
- Field (study) Sites
 - ◆ JPL, Boeing Anaheim, State Street, IBM Cambridge...
- Graduate Student Internships
 - ◆ NASA Ames, IBM Yorktown, The Aerospace Corporation
- Gifts
 - ◆ Fujitsu, MERL, Aerospace, many others

New: Graduate Student Research Forum

- “For students by students”
- Goal:

To **foster community** and expose possibilities for **interdisciplinary collaborations** by providing an opportunity for students researching various dimensions of software and information technology to come together, meet, interact, and discuss their activities **with a diverse group of their peers**.

GSRF: By Students For Students

- Organizing Committee
 - ◆ 5 UCI/ISR students, broad range of interests
- Program Committee
 - ◆ 13 students:
UC Irvine, UC Berkeley, UC Santa Cruz, UC San Diego, USC
- Organized all aspects of the event, prepared call, reviewed submissions, created program
- 6 papers accepted (UCI, UCR, UCSC, UCSD)
5 doing posters at reception
- Contest: Cross-Disciplinary Project Idea
- Next Year: Possibly Northern California

Forum

- Keynote

- ◆ Thomas W. Malone
Patrick J. McGovern Professor of Management at the MIT Sloan School of Management
- ◆ “The Future of Work and Processes”

- Five Presentations

- ◆ Three Joint ISR/Industry, Two by graduate students

- Posters/Demonstrations

- ◆ Almost 30 at evening reception
- ◆ Students from UCSD, UCSC, USC, UCI, Claremont

What Else is New...

- New faculty:
Robert Nideffer, UCI Arts/ACE/ICS
- Taylor on Sabbatical July 05-June 06

Walt Scacchi, Acting Director

Special Thanks to...

- GSRF Organizing Committee
 - Ping Chen
 - John Georgas
 - Sameer Patil
 - Sukanya Ratanotayanon
 - Amanda Williams
- ISR Research Forum Webmaster
 - Hazel Asuncion
- GSRF Program Committee
 - Johanna Brewer (UCI/ISR)
 - Justin Erenkrantz (UCI/ISR)
 - Guozheng Ge(UC Santa Cruz)
 - Chris Jensen (UCI/ISR)
 - Scott Lederer (UC Berkeley)
 - Sam Malek (USC)
 - Trung C. Ngo (UCI/ISR)
 - Eugen Nistor (UCI/ISR)
 - Jie Ren (UCI/ISR)
 - Roshanak Roshandel (USC)
 - Anita Sarma (UCI/ISR)
 - Macneil Shonle (UC San Diego)
 - Girish Suryanarayana(UCI/ISR)