1st Annual Research Forum

Richard N. Taylor
Professor and Director

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

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Mission

To advance software and information technology through research partnerships.

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

- Pamela Drew
  The Boeing Company
- Richard Doyle
  NASA JPL
- Roy Fielding
  Day Software &
  Apache Software
  Foundation
- Mark Hayes
  Microsoft
- Bernard Hulme
  Tadpole Software
- Hope Miller
  Raytheon
- Rami Razouk
  The Aerospace
  Corporation
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  Debra Richardson
  David S. Rosenblum  Scott Samuelson
  Richard N. Taylor  André van der Hoek

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

- **Software Understanding**
  Paul Dourish  David F. Redmiles
What's New?

- **New faculty** coming to ICS (and ISR?)
  - Yvonne Rogers, HCI
  - Thomas Alspaugh, Requirements Engineering
  - Crista Lopes, Ubiquitous Computing

- **Awards:** van der Hoek, Dashofy, Rosenblum

- **New Research Projects**
  - National Science Foundation
    - 2 new ITRs + 2 earlier
    - CAREER awards (Dourish, Mark, van der Hoek)
  - NASA (Ames & JPL)

- **Interns** placed for summer ’02:
  - NASA JPL, ETI, NASA Ames, Hewlett-Packard, Unisys
ISR ITR 2002 Award

An Integrated Social and Technical Approach to the Development of Distributed, Inter-organizational Applications

Themes
- Awareness
- Architecture
- Alignment

Partners
- NASA JPL
- Boeing
- SRI
- APEP
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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