

# 1<sup>st</sup> Annual Research Forum

Richard N. Taylor  
Professor and Director

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

June 18, 2002

# 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 Samuelson**  
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?

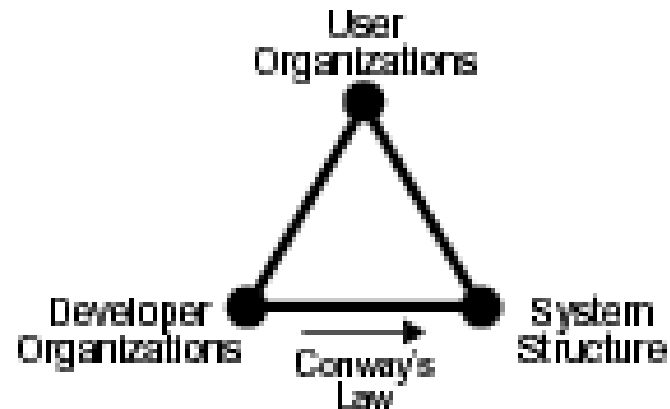
- **New faculty coming to ICS (and ISR?)**
  - ◆ Yvonne Rogers, HCI
  - ◆ Thomas Alspaugh, Requirements Engineering
  - ◆ Crista Lopes, Ubiquitous Computing
- **Awards: van der Hoek, Dashofy, Rosenblum**
- **New Research Projects**
  - ◆ National Science Foundation
    - ◆ 2 new ITRs + 2 earlier
    - ◆ 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



Debra A. Brodbeck  
Technical Relations  
Director

brodbeck@uci.edu  
(949) 824-2260

Dr. Susan J. Knight  
Corporate Relations  
Officer

sknight@uci.edu  
(949) 824-5927

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