



ISR Research Forum

Where Research Meets the Real World

Friday June 2, 2017

9:00 am – 5:30 pm

University of California, Irvine ♦ 6011 Donald Bren Hall

Join Us!



Join us for the 2017 ISR Research Forum! This one-day event brings together researchers, leaders in industry, and technical practitioners in a multi-disciplinary environment to: discuss research and trends in the fields of software development and interactive and collaborative technologies; showcase current ISR research; and formulate visions on strategic future research and technological directions. We encourage interaction among academia and industry through exchange of ideas and sharing of experiences. Our goal is to foster relationships, stimulate collaborative research, and encourage technology transition. ISR research emphases span a broad range of areas from collaboration technology, to software testing, to software architecture, and more. Impacts from our past projects have been many and highly significant: we hope you will join us as we look to the future and explore new ideas and new applications.

Richard N. Taylor, Director

ADVANCE PROGRAM

9:00 - 9:10

Welcome, Prof. Cristina Videira Lopes, ISR Associate Director

9:10 - 10:10



Keynote I

Lessons from the Jungle of Open Source Big Data Development

Dr. Owen O'Malley

Co-Founder and Technical Fellow

Hortonworks

10:40 - 12:00

Presentations

- ♦ *Research at Scale*, Prof. Cristina Videira Lopes, ISR Associate Director
- ♦ *Understanding and Analyzing Software Execution Behavior*, Prof. James A. Jones
- ♦ *Modeling the Workplace Experience Through Precision-Tracking of Behavior*, Prof. Gloria Mark
- ♦ *Privacy by Design in an IoT Environment*, Prof. Alfred Kobsa

12:00 - 1:45

Open House: *See Demos and Posters, Meet Faculty and Students, Enjoy Lunch!*

2:00 - 3:00



Keynote II

Cognitive Software Engineering: Helping Developers Work Successfully in a Cognitive World

Dr. Peri Tarr

Principal Research Staff Member

IBM T.J. Watson Research Center

3:00 - 4:00

Presentations

- ♦ *Who Hit Me and Why Does It Matter: Legal and Policy Challenges in Attributing Cyber Attacks*, Bryan Cunningham, Executive Director, UCI Cybersecurity Policy & Research Institute
- ♦ *Automatic Generation of Inter-Component Communication Exploits for Android Applications*, Dr. Joshua Garcia
- ♦ *Privacy Compliance by Design: Enhancing Industry Software Practices For Compliance with Privacy Laws and Regulations*, Prof. Sameer Patil, Indiana University Bloomington

4:00 - 5:30

Reception

Registration: This event is **FREE** but space is limited – advance online registration is strongly recommended.

For more information: contact Debra A. Brodbeck, ISR Assistant Director, brodbeck@uci.edu, (949) 824-2260 or visit the Forum website.

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