The 15th IEEE International Conference On
Information Reuse and Integration

August 13-15, 2014
Sofitel, Redwood City
San Francisco, USA

http://www.ieee-iri.org/

Given the emerging global Information-centric IT landscape that has tremendous socio-economic implications, effectively processing and integrating very large volumes of information from diverse sources to enable effective decision making and knowledge generation have become one of the most significant challenges of current times. Information Reuse and Integration (IRI) seeks to maximize the reuse of information by creating simple, rich, and reusable knowledge representations and consequently explores strategies for integrating this knowledge into diverse areas including circuits design, devices, systems and applications, etc. The conference includes, but is not limited to, the areas listed below:

- Reuse and integration in VLSI/SoC, and Computing architectures
- Large Scale System Integration
- Component-Based Design & Reuse
- Unifying Data Models (UML, XML, etc.) and Ontologies
- Database Integration
- Structured/Semi-structured Data
- xeuse in Software Engineering
- Data Mining & Big Data
- Sensory and Information Fusion
- Automation, Integration and Reuse Across Applications
- Security, Privacy & Survivability
- AI & Decision Support Systems; Heuristic Optimization and Search
- Knowledge Management
- Fuzzy and Neural Systems
- Soft Computing
- Mobile & Cloud Computing
- Case-Based Reasoning
- Natural Language Understanding
- Command & Control Systems
- Human-Machine Interaction
- Biomedical & Healthcare Systems/Applications
- Manufacturing Systems & Business Process Engineering
- Reuse in Modeling & Simulation
- Space and Robotic Systems
- Service-Oriented Architectures
- Multimedia Systems/Application
- Autonomous Agents in Web-based Systems
- Information Integration in Grid, Mobile and Ubiquitous Computing Environment
- Systems of Systems
- Semantic Web and Emerging Applications
- Collaborative systems, networks & applications

Instructions for Authors: Papers reporting original and unpublished research results pertaining to the above and related topics are solicited. Full paper manuscripts must be in English of up to 8 pages (using the IEEE two-column template). The online submission site is: https://www.easychair.org/conferences/?conf=ieeeiri2014. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation.

Honorary General & Keynote Speaker:
- Lotfi A. Zadeh,
  University of California, Berkeley, USA

General Co-Chairs
- Stuart Rubin (stuart.rubin@navy.mil)
  SPAWAR Systems Center Pacific, USA
- Shu-Ching Chen (chens@cs.fiu.edu)
  Florida International University, USA

Program Co-Chairs
- Elisa Bertino, Purdue University, USA
- Bhavani Thuraisingham, University of Texas at Dallas, USA
- Ling Liu, Georgia Institute of Technology, USA
- James Joshi, University of Pittsburgh, USA

Key Features
- Student Travel Grants Available
- Best Paper Awards,
- Several Workshops & Special Sessions
- Panels and Keynotes
- Several Journal Special Issues

Important Dates
- April 4, 2014 Paper submission deadline
- May 4, 2014 Notification of acceptance
- May 14, 2014 Camera-ready paper due
- May 14, 2014 Presenting author registration

Confirmed Workshops (more to be added)


The 3rd IEEE International Workshop on Information and Reuse in Health Informatics (IRI-HI 2014)

The 3rd IEEE International Workshop on Data Integration and Mining (DIM 2014)

The 2nd IEEE International Workshop on Formal Methods Integration (FMI 2014)