

# Call for Papers: 35th International Conference on Conceptual Modeling (ER 2016)



ER • 2016  
Nov. 14-17  
Gifu, Japan



Gifu, Japan  
<http://er2016.cs.titech.ac.jp/>

## CONFERENCE ORGANIZATION

### Honorary Chair

Kiyoshi Agusa  
Nanzan Univ., Japan

### Conference Co-chairs

Shuichiro Yamamoto  
Nagoya Univ., Japan  
Motoshi Saeki  
Tokyo Tech., Japan

### Program Committee Co-chairs

Isabelle Comyn-wattiau  
CEDRIC-CNAM &  
ESSEC Business School, France  
Katsumi Tanaka

Kyoto Univ., Japan

Il-Yeol Song  
Drexel Univ., USA

### Workshop Co-chairs

Juan Trujillo  
Univ. of Alicante, Spain  
Sebastian Link  
Univ. of Auckland, New Zealand

### Tutorial Co-chairs

Atsushi Ohnishi  
Ritsumeikan Univ., Japan  
Panos Vassiliadis  
Univ. of Ioannina, Greece

### Panel Co-chairs

Sudha Ram  
Univ. of Arizona, USA  
Esteban Zimanyi  
Univ. Libre de Bruxelles, Belgium

### Poster/Tool Demonstration

**Co-chairs**  
Aditya Ghose  
Univ. of Wollongong, Australia

Takashi Kobayashi  
Tokyo Tech., Japan

### Ph.D. Symposium Co-chairs

Tsuneo Ajisaka  
Wakayama Univ., Japan  
Carson Woo  
The Univ. of British Columbia,  
Canada

### Symposium on Conceptual Modeling Education Co-chairs

Karen Davis  
Univ. of Cincinnati, USA  
Xavier Franch  
Universitat Politècnica de  
Catalunya, Spain

### Treasurer

Takako Nakatani  
The Open Univ. of Japan, Japan

### Local Organizing Chair

Shuji Morisaki  
Nagoya Univ., Japan  
Atsushi Yoshida  
Nanzan Univ., Japan

### Liasons to IPSJ

Isamu Hasegawa  
Square Enix, Japan

### Publicity Chair and Web Master

Shinpei Hayashi  
Tokyo Tech., Japan

### Student Volunteer Chair

Noritoshi Atsumi  
Nagoya Univ., Japan

### Liaison to Steering Committee

Sudha Ram  
Univ. of Arizona, USA

### Advisory

Mikio Aoyama  
Nanzan Univ., Japan

The International Conference on Conceptual Modeling (ER) is the leading international forum for presenting and discussing current research on conceptual modeling. The topics of interest span the entire spectrum of conceptual modeling including research and practice in areas such as: theories of concepts underlying conceptual modeling, methods and tools for developing and communicating conceptual models, techniques for transforming conceptual models into effective implementations, and the impact of conceptual modeling techniques on databases, business strategies and information systems development.

We solicit submission of original research papers, as well as experience and vision papers from both researchers and practitioners. Topics of interests include, but are not restricted to:

- Foundations and Concept Formalization
- Big Data
- NoSQL Databases and Enterprise Business Models
- Semantic Web, Cloud Computing, and Web Information Systems
- Enterprise Architectures and Service-Oriented Architectures
- Quality and Metrics of Conceptual Models
- Empirical Studies of Conceptual Modeling
- Ontology Modeling and Deployment
- Business Process Modeling
- Semi-structured Data and XML
- Integration of Conceptual Models and Database Schemas
- Information Retrieval, Filtering, Classification, Summarization, and Visualization
- Methodologies and Tools for Conceptual Design
- Requirements Engineering
- Reuse and Patterns
- Reverse Engineering and Roundtrip Engineering
- Schema Evolution and Management of Database Constraints
- Spatial, Temporal, and Multimedia Aspects in Conceptual Models
- Metadata and Applications
- Data Warehousing, Data Mining, and Business Intelligence and Analytics
- Applications to Bioinformatics, Cyber Security, and Privacy
- Data Semantics and Integrity Constraints
- Advanced and Cross-Disciplinary Applications of Conceptual Models
- Human-Computer Interaction
- Role of Conceptual Modeling Techniques in Emerging Areas (Social Networks, Mobile Computing, Cloud Computing, Internet of Objects, Deep Learning, Serious Games and Pedagogical Models, etc.)

## IMPORTANT DATES & SUBMISSION GUIDELINES

Paper Abstract:	<b>April 1, 2016</b>
Full Paper:	<b>April 8, 2016</b>
Tutorial, Panel, Demo Proposals:	<b>June 3, 2016</b>
Author Notification:	<b>June 13, 2016</b>
Camera-ready Paper:	<b>July 8, 2016</b>

Since the proceedings will be published by Springer in the LNCS series, authors must submit manuscripts using the LNCS style. The page limit for submitted papers (as well as for final, camera-ready papers) is 14. Manuscripts not submitted in the LNCS style or exceeding the page limit will not be reviewed and automatically rejected. A paper submitted to ER 2016 may not be under review for any other conference or journal during the time it is being considered for ER 2016. Submitted papers must demonstrate to be aware of the state-of-the art literature in conceptual modeling by properly citing relevant papers in the field.