



August 21 - 24, 2016

The Worthington Renaissance Hotel

Fort Worth, Texas, USA

case2016.org



Fort Worth, Texas

The twelfth annual IEEE International Conference on Automation Science and Engineering (IEEE CASE 2016), sponsored by the IEEE Robotics and Automation Society (RAS), will be held at The Worthington Renaissance Hotel in Fort Worth, Texas, USA, August 21 - 24, 2016. IEEE CASE is the flagship automation conference of the IEEE RAS and constitutes the primary forum for cross-industry and multidisciplinary research in automation. Its goal is to provide a broad coverage and dissemination of foundational research in automation among researchers, academics, and practitioners.

The technical program of IEEE CASE 2016 will consist of tutorials/workshops, keynote/plenary speeches, automation forums, and oral presentations. Papers describing original work on abstractions, algorithms, theories, methodologies, and case studies are invited. Accepted and presented papers will be published in the conference proceedings, and submitted for inclusion into IEEEExplore as well as other Abstracting and Indexing (A&I) databases. IEEE CASE is an offspring of the journal *IEEE Transactions on Automation Science and Engineering* (www.ieee.org/t-ase). The journal will publish a Special CASE Issue of top-rated papers.

The conference theme is Automation for Everyone. CASE 2016 will focus on innovative and promising applications of automation in the home, office, factory and healthcare environments. The event will give particular attention to reliable robotics, networked energy systems, assistive technologies, Internet of things, sustainable healthcare systems, automated transportation, big data analytics and disaster management.

Organizing Committee

General Chairs

- Frank L. Lewis**, The University of Texas at Arlington, USA
- Mark W. Spong**, The University of Texas at Dallas, USA

Program Chairs

- Dan O. Popa**, University of Louisville, USA
- Dezhen Song**, Texas A&M University, USA
- Philippe Lutz**, FEMTO-ST, Besancon, France

Local Arrangements and Exhibits Chair

- Nicholas Gans**, The University of Texas at Dallas, USA

Finance Chair

- Cassandra Smith**, The University of Texas at Arlington, USA

Publicity Chair

- Shuai Liu**, NTU Singapore

Exhibits and Industrial Liason Chair

- Aditya N. Das**, The University of Texas at Arlington, USA

Special Sessions Chairs

- David Cappelleri**, Purdue University, USA
- Su Rong**, NTU, Singapore
- Xiaohong Guan**, Tsinghua University of China
- Kamal Medjaher**, Femto-ST, France

Tutorial/Workshop Chairs

- Irene Fassi**, ITIA-CNR Milan, Italy
- Hesuan Hu**, Xidian University, China
- Aaron Becker**, University of Houston
- Samuel Qing-Shan Jia**, Tsinghua University of China

Publication Chair

- Yonas Tadesse**, The University of Texas at Dallas, USA

Poster and Interactive Chair

- Ann Majewicz**, The University of Texas at Dallas, USA

Student Activities Chair

- Dylan Shell**, Texas A&M University, USA

IMPORTANT DATES

February 21, 2016
Special/Invited session proposal submission

March 6, 2016
Contributed papers, workshop and tutorial proposal submission

April 1, 2016
Workshop Proposals/Posters Late Breaking Short Papers

June 10, 2016
Paper acceptance notification

June 30, 2016
Final paper submission/ Deadline for advance registration

August 21-24, 2016
Conference

Steering Committee

Mengchu Zhou (Chair), New Jersey Institute Tech.

Fan-Tien Cheng, National Cheng Kung University

Hyouk Ryeol Choi, Sungkyunkwan University

Nak Young Chong, JAISTM

Martin Fabian, Chalmers University of Technology

Maria Pia Fanti, Politecnico di Bari

Alessandro Giua, University of Cagliari

Ken Goldberg, UC Berkeley

Larry Holloway, University of Kentucky

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Peter B. Luh, University of Connecticut

Ren C. Luo, National Taiwan University

Deirdre Meldrum, Arizona State University

Y. Narahari, Indian Institute of Science

Spyros Reveliotis, Georgia Tech.

Kazuhiro Saitou, University of Michigan

Leyun Shi, University of Wisconsin at Madison

Yu Sun, University of Toronto

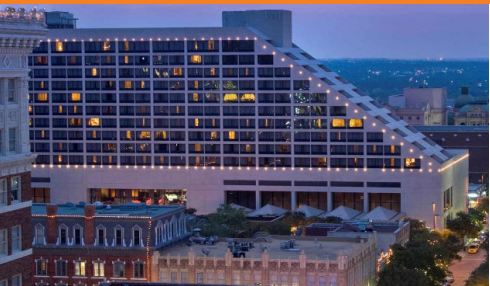
N. Vishwanadham, Indian Institute of Science

Michael Wang, National University of Singapore

John Wen, Rensselaer Polytechnic Institute

Mike Zhang, Hoku Corp.

Venue



The Worthington Renaissance Hotel is one of Fort Worth's premier Sundance Square hotels, rated AAA 4-Diamonds since 1981, and convenient to many tourist destinations such as the Stockyards, DFW, and Cowboys Stadium. Ranked by Cvent as a Top 100 Meeting Hotel in the US for 2012, the hotel offers abundant meeting space and event support.

