



2015 IEEE International Conference on Automation Science and Engineering



August 24-28, 2015, Gothenburg, Sweden
www.case2015.org



Call for Papers

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The 11th annual IEEE International Conference on Automation Science and Engineering (IEEE CASE 2015), sponsored by the IEEE Robotics and Automation Society (RAS), will be held from August 24 to 28, 2015, in Gothenburg, Sweden. IEEE CASE represents 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.

Program: The technical program of IEEE CASE 2015 will consist of tutorials/workshops, keynote/plenary speeches, automation forums, and oral/poster 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 IEEE Xplore 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.

Theme and Topics: The conference theme is *Automation for a Sustainable Future*. The topics include but are not limited to: Foundations of Automation; Discrete Event Systems; Scheduling and Optimization; Manufacturing Automation; Process Automation; Logistics and Supply Chain Management; Sustainable Production; Life Sciences and Health Care; Power and Energy Systems; Smart Buildings; Automation in Meso, Micro and Nano-scale; Automation for Machine Tools; Mechatronics; Networked Control Systems; Cloud Computing for Automation; Industrial Informatics; Big Data and Data Mining; and Emerging Topics in Automation. Detailed instructions for the preparation and submission can be found at www.case2015.org.

Important Dates:

February 15, 2015

March 1, 2015

April 1, 2015

May 15, 2015

June 15, 2015

June 30, 2015

Special/Invited session proposal submission

Contributed papers

Workshop proposals

Paper acceptance notification

Final paper submission

Deadline of advanced registration

Conference Venue: The conference will be held at Elite Park Avenue Hotel, situated in downtown Gothenburg with walking distance to most tourist attractions, including the spectacular amusement park Liseberg. The banquet will take place at Carlstens fästning, Marstrand, located in the famous archipelago north of Gothenburg.