

2nd announcement

SAMCON 2020

<http://www2.lee.or.jp/~diic/samcon/>

The 6th IEEJ International Workshop on Sensing, Actuation, Motion Control, and Optimization March 14th–16th, 2020, Shibaura Institute of Technology, Tokyo, Japan

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Call for Papers

The Industry Applications Society of the Institute of Electrical Engineers of Japan (IEEJ) is pleased to announce that the 6th IEEJ international workshop on Sensing, Actuation, Motion Control, and Optimization (SAMCON2020) will be held at Shibaura Institute of Technology, Tokyo, Japan during March 14-16, 2020. SAMCON2020 will provide a unique opportunity for engineers, researchers and academicians to discuss current developments and future prospects on sensing, actuation, motion control, and optimization technology. High quality selected papers will be considered for publication in a focused issue of the IEEJ Journal of Industry Applications.

Technical Topics

Sensing

- Sensors and Advanced Sensing Techniques
- Signal Processing Techniques
- Diagnosis and Monitoring Techniques
- Vision System
- Sensor Fusion and Sensor Network

Actuation

- Actuators and Electrical Machines
- Advanced Actuation Techniques
- Motor Drive Techniques

Motion Control

- Advanced Control Theory
- High Precision Control
- Advanced Automotive Control
- Automation and Process Control
- Robotics and Mechatronics

Motion Control (cont'd)

- Haptics
- Network-based Control
- Biomechanical Control, Medical and Welfare
- Industrial Applications

Optimization

- Optimal Control
- Model Predictive Control
- Machine Learning
- AI/Deep Learning
- Optimization Benchmark Problems for Industrial Applications
- Diagnosing and Monitoring

And other related topics

Important Dates (Tentative)

- Submission of Invited/Special Session Proposals: October 31, 2019
- Submission of Manuscripts (Oral): November 22, 2019
- Submission of Manuscripts (Poster): January 20, 2020
- Notification of Acceptance (Oral): January 14, 2020
- Notification of Acceptance (Poster): January 31, 2020
- Final Submission of Manuscripts: February 15, 2020
- Deadline for Early Registration: February 15, 2020

Sponsor (Tentative)

IEEJ Industry Applications Society, Shibaura Institute of Technology

Please check it out on the web for details !

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