

# SAMCON2017



The 3<sup>rd</sup> IEEJ International Workshop on **Sensing, Actuation, Motion Control, and Optimization**  
March 6<sup>th</sup> –8<sup>th</sup>, 2017, Nagaoka University of Technology, Niigata, Japan  
<http://www2.iee.or.jp/~diic/samcon/>

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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 Third IEEJ International Workshop on **Sensing, Actuation, Motion Control, and Optimization** (SAMCON2017) will be held in Nagaoka, Niigata, Japan during March 6-8, 2017. SAMCON2017 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 in 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                                   |
|                | - Haptics   |
|                | - Network-based Control                                       |
|                | - Biomechanical Control, Medical and Welfare Applications     |
|                | - Industrial Applications                                     |
| Optimization   | - Optimization Benchmark Problems for Industrial Applications |
|                | - Diagnosing and Monitoring                                   |

And Other Related Topics

## Important Dates

Submission of Invited/Special Session Proposals: October 31, 2016  
Submission of Manuscripts: December 15, 2016  
Notification of Acceptance: January 16, 2017  
Final Submission of Manuscripts: February 15, 2017  
Deadline for Early Registration: February 15, 2017

## Sponsor

IEEJ Industry Applications Society

## Contact

For further information or questions, please contact secretaries.