

## CALL FOR PAPERS

# The 50th ISCIE International Symposium on Stochastic Systems Theory and Its Applications

November 1-2, 2018

Hotel Granvia Kyoto, Kyoto, JAPAN

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Symposium on Stochastic Systems Theory and Its Applications (SSS'18) will be held on November 1-2, 2018, at the Hotel Granvia Kyoto, Kyoto, JAPAN. The technical program will cover the general topic of stochastic systems and its applications, including but not be limited to the following subjects:

- Modeling, Filtering and Control of Stochastic Systems and Stochastic Processes
- Analysis of Stochastic Systems and Stochastic Processes
- System Identification and Parameter Estimation
- Time Series Analysis and Spectral Estimation
- Signal Detection and Statistical Signal Processing
- Stochastic Optimization Methods and Evolutionary Methods
- Statistical Methods of Big Data and Their Applications
- Chaos and Fractal
- Neural Networks and Fuzzy Systems
- Image Processing
- Pattern Recognition, Computer Vision and 3-D Information Processing
- Fault Detection and Diagnosis
- Medical and Biomedical Systems
- Mathematical Finance
- Control of Networks
- Probabilistic Robotics
- Statistical Methods for GNSS Navigation
- Applications in Engineering related to Stochastic Processes and Stochastic Systems

#### Papers Submission:

Authors are invited to submit extended abstracts, which must be written in English and must be received by **July 31, 2018**. Extended abstracts should not exceed two A4 pages with 25mm margins on all sides, in one column format, and with 10-point fonts or larger. Please include the title, author names, affiliations, and addresses on the top of the first page of the extended abstract. The extended abstract should be prepared in PDF format, and it should be submitted via the SSS Web site.

Authors will be advised regarding acceptance of the extended abstract by **August 31, 2018**. The authors of accepted papers are requested to submit the manuscripts for the proceedings following the instructions available on the SSS Web site. The manuscripts should be prepared in PDF format and submitted electronically on the Web by **October 18, 2018**. The maximum length of each manuscript including both text and illustrations will be ten pages (about 7500 words). In order to assure high-quality of the proceedings, all manuscripts will be reviewed and only accepted ones will be included in it. (For the policy of the copyright, please see <http://sci-sss.org/sss2018/cfp.php> )

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#### Important Dates:

July 31, 2018: Submission of extended abstracts and organized session proposals  
September 18, 2018: Notification of acceptance  
October 18, 2018: Submission of manuscripts for the Proceedings

#### Official Web Site and Contact to Program & Steering Committee:

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