# The 52nd ISCIE International Symposium on Stochastic Systems Theory and Its Applications (SSS'20)

October 29-30, 2020

Osaka University Convention Center, Suita, Osaka, JAPAN http://sci-sss.org/sss2020/

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The steering committee may decide to run a fully online symposium due to COVID-19 situation. The latest information will be given on the SSS Web site.

The 52nd ISCIE International Symposium on Stochastic Systems Theory and Its Applications (SSS'20) will be held on October 29-30, 2020, at Osaka University Convention Center, Suita, Osaka, JAPAN. The technical program will cover the general topic of stochastic systems, including 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 be received by July 31 August 31 September 10, 2020. 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 authors should prepare extended abstracts in PDF format and submit them via the SSS Web site.

Authors will be notified of acceptance of the extended abstract by September 1 September 17, 2020. 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 10, 2020. The maximum allowable length of each manuscript, including both text and illustrations, is ten pages (about 7500 words). All manuscripts will be reviewed, and only accepted ones will be included in the proceedings. (For the policy of the copyright, please see http://sci-sss.org/sss2020/cfp.php)

#### **Important Dates:**

July 31 August 31 September 10, 2020

Submission of extended abstracts

September 1 September 17, 2020

Notification of acceptance Submission of manuscripts for the Proceedings

October 10, 2020

#### Sponsored by: ISCIE (Institute of Systems, Control and Information Engineers)

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## Contact to Program & Steering Committee:

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