

The 55th ISCIE International Symposium on Stochastic Systems Theory and Its Applications (SSS'23)

November 17-18, 2023

Tokyo Denki University, Tokyo Senju Campus

<http://sci-sss.org/sss2023/>

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The 55th ISCIE International Symposium on Stochastic Systems Theory and Its Applications (SSS'23) will be held on November 17-18, 2023, at Tokyo Denki University, Adachi, Tokyo, 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 17, 2023**. 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 **August 18, 2023**. 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 **November 5, 2023**. 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/sss2021/cfp.php>)

Important Dates:

July 17, 2023	Submission of extended abstracts
August 18, 2023	Notification of acceptance
November 5, 2023	Submission of manuscripts for the Proceedings

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