

## CALL FOR PAPERS

# The 43rd ISCIE International Symposium on Stochastic Systems Theory and Its Applications

October 28 – 29, 2011

Ritsumeikan University, and on board the ship Bianca, Shiga, Japan

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The 43rd ISCIE International Symposium on Stochastic Systems Theory and Its Applications (SSS'11) will be held on October 28–29, 2011, at Biwako–Kusatsu Campus, Ritsumeikan University, and on the ship Bianca in Lake Biwa, Shiga, 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
- Mathematical Finance
- Fault Detection and Diagnosis
- Control of Networks
- Chaos and Fractal
- Neural Networks and Fuzzy Systems
- Image Processing
- Pattern Recognition, Computer Vision and 3-D Information Processing
- Probabilistic Robotics
- Medical and Biomedical Systems
- Data Mining and Text Mining
- 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 30, 2011**. 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 electronically on the Web.

Authors will be advised regarding acceptance of the extended abstract by **August 20, 2011**. The authors of accepted papers are requested to submit the manuscripts for the proceedings following the instructions available in the proceedings page. The manuscripts should be prepared in PDF format and submitted electronically on the Web by **October 21, 2011**. 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.

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#### Important Dates:

July 30, 2011: Submission of extended abstracts and organized session proposals  
August 20, 2011: Notification of acceptance  
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