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38th ISCIE International Symposium on Stochastic Systems Theory and Its Applications

November 9–10, 2006

RAKO Hananoi Hotel, Suwa, Nagano, Japan

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## Call for Papers

38th ISCIE International Symposium on Stochastic Systems Theory and Its Applications will be held on November 9–10, 2006, RAKO Hananoi Hotel, Suwa, Nagano, Japan (<http://hananoi.co.jp>). Sunahara Memorial Lectures will be given by Prof. S. Kondo (Nagoya Univ., Pattern Formation in Animal Development) and Prof. A. Bagchi (University of Twente, Mathematical Finance).

The technical program will cover the general topic of stochastic systems and its applications, but not be limited to the following subjects:

- Analysis of Stochastic Processes and Stochastic Systems
- Applications in Engineering related to Stochastic Processes and Stochastic Systems
- System Identification and Parameter Estimation
- Time Series Analysis and Spectral Estimation
- Signal Detection and Random Signal Processing
- Modeling and Control of Stochastic Systems
- Stochastic Optimization Methods
- Image Processing and Pattern Recognition
- Chaos and Fractal
- Neural Networks and Fuzzy Systems
- Mathematical Finance
- Fault Detection and Diagnosis
- Stochastic Approaches in Medical and Biomedical Systems

## Papers Submission

Authors are invited to submit extended abstracts, which must be written in English and must be received by **July 31, 2006**. 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 either PDF or MS-Word format, and should be submitted electronically via the SSS Website.

Authors will be advised regarding acceptance of the extended abstract by **August 31, 2006**. The authors of accepted papers are requested to submit the manuscripts for the Proceedings following the instructions available on the SSS Website. The manuscripts should be prepared in either PDF or MS-Word format and submitted electronically by **November 1, 2006**. The maximum length of each manuscripts including both text and illustrations will be **six pages** (about 4500 words). In order to assure a high-quality of the Proceedings, all manuscripts will be reviewed and only accepted ones will be included in it.

## Special Sessions

Proposals for organized sessions are welcome and should be submitted to the chairman of Program & Steering Committee before **July 31, 2006**.

## Important Dates

<b>July 31, 2006</b>	Submission of extended abstracts and organized session proposals
<b>August 31, 2006</b>	Notification of acceptance
<b>November 1, 2006</b>	Submission of manuscripts for the Proceedings

## Symposium Secretariat

Proposal of special sessions and all other correspondence including inquiries should be addressed to:

Prof. Kohji Kamejima, SSS'06 Secretariat (e-mail: [sss@is.oit.ac.jp](mailto:sss@is.oit.ac.jp))  
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