CALL FOR PAPERS

The 47th ISCIE International Symposium on Stochastic Systems Theory and Its Applications

December 5-8, 2015
Waikiki Beach Marriott Hotel, Honolulu, Hawaii, USA

SYMPOSIUM ORGANIZATION
Organizing Committee:
Sugimoto, S., Ritsumeikan Univ. (Chair)
Ghorbani, R., Univ. of Hawaii
             (Local Arrangement)
Adachi, S., Keio Univ.
Aihara, S., Science Univ. of Tokyo
Akahori, J., Ritsumeikan Univ.
Aoki, T., Hitachi, Ltd.
Azimov, D., Univ. of Hawaii
Baba, N., Osaka Kyoiku Univ.
Choi, S.K., Univ. of Hawaii (Local Chair)
Fujisaki, Y, Osaka Univ.
Fukayama, Y., Hiroshima Inst. of Tech.
Fukuda, T., Otemon Gakuin Univ.
Gotoh, S., Saga Univ.
Hanazaki, I., Tokyo Denki Univ.
Ichikawa, A., Nanzan Univ.
Inoue, K., Kyushu Inst. of Tech.
Ishikawa, M., Yamaguchi Univ.
Kamejima, K., Osaka Inst. of Tech.
Kano, H., Tokyo Denki Univ.
Kitagawa, G., Res. Org. of Inf. and Sys.
Kojima, F., Kobe Univ.
Kubo, Y., Ritsumeikan Univ. (Secretary)
Miyasato, Y., Inst. of Statistical Math.
Morita, Y., Kyoto Gakuen Univ.
Nakamura, M., Saga Univ.
Nishiguchi, K., Osaka Univ.
Ohsumi, A., Kyoto Inst. of Tech.
Ohtagaki, H., Okayama Univ. of Sci.(Vice Chair)
Omatu, S., Osaka Inst. of Tech.
Oura, K., Kokushikan Univ.
Sakai, H., Kyoto Univ.
Sano, A., Keio Univ.
Sugie, T., Kyoto Univ.
Sugimoto, K., Nara Inst. of Sci. and Tech.
Suwa, M., Omron Corp.
Takaba, K., Ritsumeikan Univ.
Takeuchi, Y., Osaka Kyoiku Univ.
Tamaki, S., Univ. of the Ryukyus
Tanaka, M., Konan Univ.
Tanaka, S., Yamaguchi Univ.
Tanizaki, H., Osaka Univ.
Ueda, N., NTT Comm. Sci. Labs.
Wada, K., Nippon Bunri Univ.
Yasuda, T., Univ. of Shiga Pref.

International Advisory Committee:
Akizuki, K. (Japan)
Aoki, M. (USA)
Bittanti, S (Italy)
Chen, H. F. (China)
Ghosh, B. K. (USA)
Lindquist, A. (Sweden)
Katayama, T., (Japan)
Martin, C. (USA)
Nakamizo, T. (Japan)
Picci,G. (Italy)
Sagara, S. (Japan)
Sayed, A. (USA)
Uosaki, K. (Japan)

Program & Steering Committee:
Kano, H., Tokyo Denki Univ. (Chair)
Hanazaki, I., Tokyo Denki Univ. (Vice Chair)
Hidaka, A., Tokyo Denki Univ. (Secretary)
Fujioka, H., Fukuoka Inst. of Tech.
Fujiyama, N., Mitsubishi Electric Corp.
Hatanaka, T., Osaka Univ.
Higashi, Y., Kyoto Inst. of Tech.
Izumi, T., Tokyo Denki Univ.
Kameyama, K., Fukui Natl. College of Tech.
Koya, Y., Kobe City College of Tech.
Maeda, M., Kyushu Inst. of Tech.
Matsubara, M., Hitachi, Ltd.
Ohno, S., Hiroshima Univ.
Ohta, H., Okayama Univ. of Sci.
Sakagami, N., Tokai Univ.
Sawada, Y., Kyoto Inst. of Tech.
Tanaka, H., Hiroshima Univ.
Umetani, T., Konan Univ.
Wada, M., Konan Univ.
Wakasa, Y., Yamaguchi Univ.

Symposium on Stochastic Systems Theory and Its Applications (SSS'15) will be held on December 5-8, 2015, at the hotel Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, USA. 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 **August 15, 2015**. 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 **September 15, 2015**. 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 15, 2015**. 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/sss2015/cfp.php)

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

In Cooperation with:
The Society of Instrument and Control Engineers (SICE)
The Institute of Electrical Engineers of Japan (IEE)
The Institute of Electronics, Information and Communication Engineers (IEICE)
The Japan Society for Industrial and Applied Mathematics (JSIAM)
Information Processing Society of Japan (IPSJ)
Research Institute of Signal Processing Japan (RISP)
IEEE Control Systems Society Japan Chapter
IEEE Control Systems Society Kansai Chapter
IEEE Signal Processing Society Japan Chapter
IEEE Signal Processing Society Kansai Chapter
College of Engineering, University of Hawaii at Manoa
Tokyo Denki University

Important Dates:
August 15, 2015:   Submission of extended abstracts and organized session proposals
September 15, 2015: Notification of acceptance
November 15, 2015: Submission of manuscripts for the Proceedings

Official Web Site and Contact to Program & Steering Committee:
Official Web Site: http://sci-sss.org
SSS'15 Secretariat E-mail: sss15@sci-sss.org