



## International Symposium on Socially and Technically Symbiotic Systems (STSS) International Symposium on Symbiotic Nuclear Power Systems (ISSNP)

August 25-28, 2015

Main Campus of Kyoto University - JAPAN

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Following the successes of the first STSS (International Symposium on Socially and Technically Symbiotic Systems) in 2012 in Okayama, Japan and the first ISSNP (International Symposium on Symbiotic Nuclear Power Systems) in 2007, Tsuruga, Japan, the joint international conference of STSS/ISSNP 2015 will be held during August 25-28, 2015 at the main campus of Kyoto University in Kyoto, Japan. The STSS/ISSNP 2015 is organized to promote academic exchanges of the topics of mainly human computer interaction (HCI), human machine interface (HMI) technologies, and symbiosis of technology in nuclear industries. The scopes of the symposium are as follows;

### STSS Technical Scopes

- Social factors, human factors, socio-technical systems, risk communication.
- Human machine interfaces including the new concepts such as affective interfaces, semiotics, virtual reality, augmented reality.
- Sensing, signal processing, support systems for large-scale engineering system operation and maintenance, skill succession.
- Risk engineering, symbiotic energy systems including new energy production systems, smart grid, concepts for energy saving, etc.,

### ISSNP Technical Scopes

- Safety and risk studies from social, environmental and economic aspects of nuclear energy.
- Sensors, instrumentation and control, operation, testing and maintenance, operator support, human-machine interface of nuclear power systems.
- Integrated aspects of energy systems (i.e., multipurpose utilization of nuclear energy, nuclear fuel cycle, plant decommissioning, comparative study of nuclear energy, etc.).
- Other general nuclear engineering (i.e., reactor physics, thermal-hydraulics, reactor core and plant behavior, nuclear fuel behavior, etc.).

### Paper Submission Guideline

You can submit an abstract for oral presentation (Max. 500 words). For submission details, please consult submission page. All accepted papers of STSS/ISSNP2015 will be included in the symposium proceedings. The selected papers in nuclear energy field will be included in the International Journal of Nuclear Safety and Simulation (IJNS) by the due review process of Editorial Board of IJNS (<http://www.ijnsweb.com>).

### Important Dates

<b>Deadline for abstract submission:</b>	<del>February 28, 2015</del> <b>March 31, 2015 (extended)</b>
Notification of abstract acceptance:	March 31, 2015 (Submissions before February 28) April 30, 2015 (Submissions after February 28)
Deadline for full paper submission:	June 30, 2015

**Web Site** <http://stssconf.org/stss2015/>

Cooperated by: *(tentative)*

Symbio Community Forum, College of Nuclear Science and Technology, Harbin Engineering University, Human Interface Society, Division of HMS of Atomic Energy Society of Japan, The Institute of Systems, Control and Information Engineers, Japan Society of Maintenology, Design School of Kyoto University, Japan Ergonomics Society.