



Call For Papers

8th International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP2016)

September 26-28, 2016
Chengdu, Sichuan, China

Following the success of the 7th ISSNP (International Symposium on Symbiotic Nuclear Power Systems for 21st Century) in 2015 in Kyoto, Japan, the 8th ISSNP will be held during September 26-28, 2016 in Chengdu, China. The ISSNP2016 is organized to promote academic exchanges of symbiosis of technology in nuclear industries. The categories of the conference are as follows:

- Category 1: Safety and risk studies from social, environmental and economic aspects of nuclear energy.
- Category 2: Sensors, instrumentation and control, operation, testing and maintenance, operator support, human-machine interface of nuclear power systems.
- Category 3: Integrated aspects of energy systems (i.e., multipurpose Utilization of nuclear energy, nuclear fuel cycle, plant decommissioning, comparative study of nuclear energy, etc.)
- Category 4: Other general nuclear engineering (i.e., reactor physics, thermal-hydraulics, reactor core and plant behavior, nuclear fuel behavior, etc.)

CONFERENCE OVERVIEW

- Title: International Symposium on Symbiotic Nuclear Power Systems for 21st Century 2016
- Date: September 26 (Mon) ~ 28(Wen), 2016
- Venue: TBD
- Official Language: English
- Expected Number of Participants: About 80 attendees from 8-10 countries and international organizations.

PAPER SUBMISSION GUIDELINE

- The official language of ISSNP is English. All submission should be based on original works. Before the deadline of abstract submission, the authors should submit an abstract up to 500 words to one of four topics. The abstract should be prepared using the template which can be download from the conference website <http://issnp2016.hrbeu.edu.cn>. The abstract in Microsoft .doc should be submitted by Email to issnp2016@hrbeu.edu.cn. For submission details, please consult submission page.
- Best paper and best student paper awards will be given to those papers which a specifically appointed evaluation panel views as contributing most to the achievement of innovative technologies in the areas of interest to the conference.
- All accepted full papers will be included in the conference proceedings. Selected papers will be considered for publication in “International Journal of Nuclear Safety and Simulation (IJNS)” .

STUDENT SUMMER SCHOOL

- Student authors can apply to attend the student summer school freely.
- Summer school students will be required to listen all plenary talks and keynote lectures, attend the technical tour and submit a summary report on these activities during the conference.
- Each qualified summer school students will receive a scholarship.

IMPORTANT DATES

- Deadline for abstract submission: March 31, 2016
- Notification of abstract acceptance: April 15, 2016
- Deadline for full paper submission: July 15, 2016

CONFERENCE WEBSITE

<http://issnp2016.hrbeu.edu.cn>

ORGANIZATIONS

ISSNP2016 is organized by the Nuclear Power Institute of China and cooperated by the following international organizations:

- China Nuclear Society, China (TBD)
- Korea Nuclear Society, Korea (TBD)
- Japan Society of Maintenology, Japan (TBD)
- Harbin Engineering University, China
- Symbio Community Forum, Japan
- etc.

- General Co-Chairs: Zhijian Zhang (HEU, China), Hongxing Yu (NPIC, China)
- Technical Program Committee
Co-Chairs:
Ming Yang (Harbin Engineering University, China)
Hidekazu Yoshikawa (Symbio Community Forum, Japan)
Yitung Chen (University of Nevada-Las Vegas, USA)
Takeshi Matsuoka (University of Utsunomiya, Japan)

HISTORY OF ISSNP

- 1st ISSNP: Tsuruga, Japan, 2007
- 2nd ISSNP: Harbin, China, 2008
- 3rd ISSNP: Harbin, China, 2010
- 4th ISSNP: Daejeon, Korea, 2011
- 5th ISSNP: Beijing, China, 2013
- 6th ISSNP: Teju, Korea, 2014
- 7th ISSNP: Kyoto, Japan, 2015