

Call For Papers

(Draft)

9th International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP2018)

July 9-11, 2018

Harbin, Heilongjiang, China

Following the successful 8th ISSNP (International Symposium on Symbiotic Nuclear Power Systems for 21st Century) in Chengdu, China , in 2016, the 9th ISSNP will be held in July 9-11, 2018 in Harbin, China. The 9th ISSNP2018 will be the 10-year anniversary symposium of ISSNP conference, which aims at promoting Symbiotic Nuclear Power Systems for 21st century around the world. The category of the ISSNP series conference is 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: **Modeling and simulation for digital numerical reactors and nuclear fuel reprocessing technologies.**
- **Category 5:** Other general nuclear engineering (i.e., reactor physics, thermal-hydraulics, reactor core and plant behavior, nuclear fuel behavior, etc.)

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 the five topics. The abstract should be prepared using the template which can be downloaded from the conference website issnp2018.hrbeu.edu.cn (Under construction). The abstract in Microsoft .doc should be submitted by Email to issnp2018@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)” .

Important Dates

- Deadline for abstract submission: February 1, 2018
- Notification of abstract acceptance: February 15, 2018
- Deadline for full paper submission: May 1, 2018

Conference Website

issnp2018.hrbeu.edu.cn (Under construction)

Organizations

ISSNP2018 is organized by Harbin Engineering University (HEU).

International Cooperation Organizations:

- China Nuclear Society (CNS), China (TBD)
- Korea Nuclear Society (KNS), Korea (TBD)
- Japan Society of Maintenology (JSM), Japan
- Symbio Community Forum (SCF), Japan

etc.

General Chair: Prof. Zhijian Zhang (HEU, China)

- Co-chair: NAYufa Sun (NPIC, China)
- Co-chair: NA Jiangang Li (HIPS, China)
- Co-chair: **Prof.** Ali Mosleh (UCLA, USA)
- Co-chair: Prof. Toshiyuki Takagi (Tohoku University, Japan)
- Co-chair: Prof. Poong Hyun Seong (KAIST, Korea)
- Co-chair: Prof. Morten Lind (Technical University of Denmark, Denmark)
- Co-chair: Director Wei Huang (IAEA)

Technical Program Committee Co-Chairs:

- Prof. Zhigang Zhang (Harbin Engineering University, China)
- Prof. Ming Yang (South China University of Technology, China)

- Prof.Hidekazu Yoshikawa (Symbio Community Forum, Japan)
- Prof.Yitung Chen (University of Nevada-Las Vegas, USA)
- Prof.Zhiwei Zhou (Tsinghua University, China)
- Prof.Guanghui Su (Xi'an Jiaotong University , China)
- Director Hongxing Yu (Nuclear Power Institute of China, China)

Local Coordinating Committee:

Prof.Puzhen Gao (gaopuzhen@hrbeu.edu.cn)

Conference Secretary:

Ms Fei Wang (wangfei5067@126.com)