

第三届 21 世纪和谐核电系统国际会议 (ISSNP2010)

征文通知

会议时间: 2010 年 8 月 23-25 日

会议地点: 黑龙江省·哈尔滨市·哈尔滨工程大学启航活动中心

组织单位: 哈尔滨工程大学核科学与技术学院

大会主席: 张志俭 (哈尔滨工程大学)

论文摘要截止日期: **2010 年 1 月 31 日**

征文说明:

“21 世纪和谐核电系统国际会议 (ISSNP)” 由中国、日本和韩国联合发起, 其目的是通过探讨先进的核电技术, 实现核电安全可靠运行, 促进核电与人类、环境和社会协调发展。ISSNP 系列国际会议由中国、日本和韩国轮流主办, 目前已成功举行了 2 届 (ISSNP2007, 日本敦贺市; ISSNP2008, 中国哈尔滨市), 已经发展成为东亚地区核电技术领域最为重要的国际会议之一, 得到欧美和亚洲各国专家学者和学生的广泛参与。

第三届 ISSNP 将于 2010 年 8 月 23 日-25 日在黑龙江省哈尔滨市举行, 会议主办单位为哈尔滨工程大学核科学与技术学院。大会将邀请海内外著名专家学者进行主题报告和专题报告, 并组织以中国、日本和韩国学生和青年学者 (35 岁以下) 为主体的学生暑期学校活动。欢迎从事相关研究与应用的教师、学生、科技人员和管理人员与会并发表学术论文。大会将出版论文摘要集和全文 CD, 论文集将被 EI 检索, 经评审的优秀论文修改后将推荐在 “International Journal of Nuclear Safety For Symbiosis & Sustainability (IJNS)” 国际期刊上发表。

大会包括并不局限于以下主题:

1. 综合技术 (例如: 多用途核能应用, 核燃料循环, 退役技术, 核电与其它能源技术的比较等)
2. 反应堆物理, 热工水力, 核燃料特性, 反应堆堆芯和设备特性
3. 传感器、仪表和控制, 测试和维修, 运行支持技术, 人机界面技术
4. 核安全评估方法, 例如可靠性分析, 风险分析, 与社会、环境和经济等相关的核电运行和维修中的人的因素。
5. 其它

投稿须知:

请于 2010 年 1 月 31 日前将符合格式的英文摘要 (A4 纸 1 页, 不少于 300 字), 以 MS Word 的文件格式, 通过会议网站 (<http://issnp2010.hrbeu.edu.cn>) 提交。

※请务必在英文摘要中注明作者姓名、单位名称、电话、传真、电子邮箱和论文主题类别 (1-5)。

※投稿 72 小时后, 如仍未收到大会技术委员会回复, 请来信确认。

摘要格式:

摘要以英文撰写，包括论文题目、作者、单位、通讯作者电子邮箱、关键字、论文主题类别和摘要内容。摘要格式见附件。论文全文采用 Arial 字体，题目 14pt 粗体居中，作者 10pt 居中，单位 10pt 两端对齐，联系方式 10pt 居中，摘要为 10.5pt。（摘要模板中字体大小均已设定）

重要时间:

2009 年 10 月 1 日，会议网站开通

2010 年 1 月 31 日，论文摘要提交截止

2010 年 2 月 28 日，论文摘要录用通知

2010 年 5 月 31 日，论文全文提交截止

2010 年 6 月 30 日，论文录用通知

2010 年 7 月 31 日，前期注册截止

联络方式:

相关事项如有疑问请通过以下方式获取帮助:

1. 会议网站: <http://issnp2010.hrbeu.edu.cn>。
2. 技术委员会信箱: yangming@hrbeu.edu.cn。
3. 组委会电话及传真: (86) 451-82568019 (杨明)

The 3rd International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP2010)

Call For Papers

August 23-25, 2010

Harbin, Heilongjiang, China

Conference Website: <http://issnp2010.hrbeu.edu.cn>

In the 21st century, with the worsening of environmental pollution and the high demands of securing energy resources, the application of nuclear power is developing rapidly. The International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP) is focused on nuclear power in harmony with human, society and environment by exploring advanced nuclear technologies for attaining higher safety in nuclear power operation. The ISSNP, first held in 2007, in Japan and then in 2008 in China, has become an important conference for the researchers, engineers and industrial practitioners from all over the world to present and discuss the latest advancement of their research in the area of nuclear science and engineering.



The ISSNP2010 is organized by Harbin Engineering University (HEU) and will be held in Harbin, a beautiful city located in the north-east of China and being famous for her ice culture. HEU is a national key university supported by the "211 Project" of the Chinese Government with her distinctive specialties of shipbuilding industry, ocean exploration as well as nuclear science and technology. At present, the college of Nuclear Science and Technology of HEU has become the largest talent education and training base for nuclear industry in China, covering the most comprehensive range of specialized nuclear science and technology programs. In addition, HEU is also famous for its legendary history and impressive campus architecture.

Prospective authors are invited to submit full papers describing original research work in areas including but not limited to:

Category 1: Research from the Integrated Aspect of Energy System (ex. Multipurpose Utilization of Nuclear Energy, Nuclear Fuel Cycle, Plant Decommissioning, Comparative Study of Nuclear Energy with Other Energy Technologies, etc.)

Category 2: Reactor Physics, Thermal-hydraulics, Nuclear Fuel Behavior, Reactor Core and Plant Behavior.

Category 3: Sensors, Instrumentation and Control, Testing and Maintenance, Operator Support, Human-Machine Interface.

Category 4: Integrated Methodologies of Nuclear Safety Evaluation such as reliability analysis,

risk analysis and the related human factors studies, such as training, human error, safety culture, risk communication etc., to deal with the social, environmental and economic aspects for nuclear power operation and maintenance.

Important Dates:

CPF on conference website: Scheduled from **October 15, 2009**

Paper proposal submission deadline: **January 31, 2010**

Notification of proposal acceptance for full paper submission: **February 28, 2010**

Full paper submission deadline: **May 31, 2010**

Notification of full paper acceptance: **June 30, 2010**

Early Conference Registration: **Before July 31, 2010**

Conference Venue: Qi Hang Activity Center, Harbin Engineering University
(<http://english.hrbeu.edu.cn>)

Organizer: College of Nuclear Science and Technology, Harbin Engineering University

General Chair

Zhijian Zhang (Harbin Engineering University, China)

Co-Chairs

Poong Hyun Seong (KAIST, Korea)

Takeshi Yao (Kyoto University, Japan)

Abstract Submission:

The official language of the symposium is English. All submission must be original work. The authors should submit the following data of your paper proposal: (1) Paper category, (2) Paper title with all authors and their affiliations, (3) Name of corresponding author, his/her affiliation, Postal address, Tel/Fax, E-mail address, and (4) Paper abstract of up to 300 words which describes the objective, methods and the major results of the proposed paper. Those abstract data should be submitted through the conference website until January 31, 2010. The Abstract Template can be downloaded at the conference website also.

Conference website: <http://issnp2010.hrbeu.edu.cn> (to be open after October 15, 2009)

All new authors must create an account on the conference website in order to manage their papers. Please submit papers in accordance with the **Conference Important Dates**. When your abstract is submitted, you will receive a confirmation and an assigned paper number. Late submissions may not be accepted.

Paper Publication

All accepted papers of ISSNP2010 will be included into the conference proceedings which will be indexed by Engineering Index (EI). The admitted papers for the presentation at the ISSNP2010 will be included in the International Journal of Nuclear Safety For Symbiosis & Sustainability (IJNS), to be published from March 2010 by the cooperation of Harbin Engineering University and

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Symbio Community Forum, by the due review process of Editorial Board of IJNS as either review paper, research paper or technical report.

With regards to IJNS in preparation, please visit the website of Symbio Community Forum (<http://sym-bio.jpn.org/English/homepage.php>).

Student Summer School

"Student Summer School" will be planned so that students and young researchers will broaden their knowledge of operational safety of nuclear power plant. The students and young researches who attend student summer school will be asked to attend a series of keynote lectures given by internationally prominent researchers, ask questions, participate in the technical tour and provide a report for summarizing their activities and impressions. The eligible summer school students will receive Graduation Certificate issued by Harbin Engineering University, with 1000 RMB scholarship which will be awarded by the summer school president.

Title: Template of Preparing Abstracts for the 3rd International Symposium on Symbiotic Nuclear Power Systems for the 21st Century (ISSNP2010)

Category (1, 2, 3, 4, 5)

First author¹ and Second author² (First, MI, Last)

¹College of Nuclear Science and Technology, Harbin Engineering University, Harbin, 150001, China (**an example**)

²

Correspondence e-mail address: issnp2010@hrbeu.edu.cn

Abstract

The abstract with at least 300 words should contain the purpose, method, result, and conclusion of the research. No tables or figures may be used. The abstract text should be typed with single space in A4 paper size with 2.5cm margins on all four sides. Use Standard English capitalization for the paper title (capitalize the first letter of each word except for prepositions and articles; use all-caps for abbreviations like "MRI"); use abbreviations must be defined at the first time appear, before being used as an abbreviation in the text. Keywords have to be limited in five words. Use the Arial font for all the text. Use 14-point Bolt font centered for the paper title, 10-point font centered for authors' names, 10.5-point font justified for the abstract body, 10-point font for the authors' affiliation. Please submit the abstract using this template via the conference website: <http://issnp2010.hrbeu.edu.cn>.

Please indicate the category from 1 to 5 at the top of the abstract:

Category 1: Research from the Integrated Aspect of Energy System (ex. Multipurpose Utilization of Nuclear Energy, Nuclear Fuel Cycle, Plant Decommissioning, Comparative Study of Nuclear Energy with Other Energy Technologies, etc.)

Category 2: Reactor Physics, Thermal-hydraulics, Nuclear Fuel Behavior, Reactor Core and Plant Behavior.

Category 3: Sensors, Instrumentation and Control, Operation, Testing and Maintenance, Operator Support, Human-Machine Interface.

Category 4: Integrated methodologies of nuclear safety evaluation such as reliability analysis, risk analysis and the related human factors studies such as training, human error, safety culture, risk communication etc., to deal with the social, environmental and economic aspects for nuclear power operation and maintenance.

Category 5: others

Please contact the technical committee if no response from the technical committee by email within 72 hours after you submission. For getting more helps, please visit the conference website,

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email to yangming@hrbeu.edu.cn, or call the local coordinate committee: (86)-451-82568019

Keywords: keyword1, keyword2, keyword3