



## **Second ANNOUNCEMENT**

### **The Third International Symposium on Innovative Nuclear Energy Systems, INES-3 –Innovative Nuclear Technologies for Low-Carbon Society–**

**Date:** 31<sup>st</sup> October – 3<sup>rd</sup> November, 2010

**Venue:** Tokyo Institute of Technology (Tokyo Tech)

2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550, Japan, URL: <http://www.titech.ac.jp/>

**Web URL:** <http://www.nr.titech.ac.jp/ines3/>

**Organizers:** Center for Research into Innovative Nuclear Energy Systems (CRINES), Research Laboratory for Nuclear Reactors (RLNR), Tokyo Tech

**Co-organizers:** Atomic Energy Society of Japan, Central Research Inst. of Electric Power Industry, Div. Energy Eng. of Soc. Chem. Eng. Japan, Div. Environ. Energy Soc. of Iron Steel Inst. Japan, Japan Atomic Energy Agency

**Supporter:** The Federation of Electric Power Companies of Japan

**Scope:** The 3rd COE-INES International Symposium on Innovative Nuclear Energy Systems, INES-3, aims at summarizing recent research activities relevant to the development of innovative nuclear reactor systems and innovative separation/transmutation systems with a broad perspective and flexible ideas for realization of a low-carbon society. The symposium is organized by the Center for Research into Innovative Nuclear Reactors, CRINES, that is established after successfully completed COE-INES program, and RLNR, Tokyo Tech. The symposium is held in succession to INES-1 at Shinjuku, Tokyo in 2004 and INES-2 at Yokohama in 2006.

**Conference Committees:**

**General Chairs:**

Hiroshi Sekimoto (Director, CRINES, Tokyo Tech)  
Masanori Aritomi (Director, RLNR, Tokyo Tech)

**Conference Chair:**

Yukitaka Kato (CRINES, Tokyo Tech)

**International Scientific Committee:**

Dario F. Delmastro, Institute of Balseiro, Argentina / Samuel A. Apikyan, ASTEC, Armenia / Farhang Sefidvash, Fed. Univ. of Rio Grande do Sul, Brazil / Ning Li, Xiamen University, China / Miloslav Hron, NRI, Czech / Massimo Salvatores, CEA, France / Werner Maschek, FZK, Germany / Baldev Raj, IGCAR, India / Jagdeep B. Doshi, IIT, Bombay, India / Ingmar Grenthe, KTH, Royal Institute of Technology, Sweden / Zaki Su'ud, ITB, Indonesia / Nam Ching Cho, KAIST, Korea / Il Soon Hwang, NUS, Korea / Suren Davaa, NUM, Mongolia / Hartmut Wider, JRC/IE, Netherlands / Georgy I. Toshinsky, IPPE, Russia / Andrey Gulevich, IPPE, Russia / Andrey Yu. Gagarinski, Kurchatov Institute, Russia / Edward Kryuchikov, MPhI, Russia / Vladimir Artisyuk, OINPE, Russia / Sumer Sahin, Gazi Univ., Turkey / Ken Schultz, GA, USA / Mujid Kazimi, MIT, USA / Ehud Greenspan, UCB, USA / Kazuaki Matsui, IAE, Japan / Kazuhiko Kunitomi, JAEA, Japan / Takuya Hattori, JAIF, Japan / Yoichiro Shimazu, Fukui Univ., Japan / Toshio Wakabayashi, Tohoku Univ., Japan / Kenji Yamaji, U. of Tokyo, Japan / Tsuneo Futami, Tokai Univ., Japan / Seiji Shiroya, Kyoto Univ., Japan / Toshikazu Takeda, Univ. of Fukui, Japan / Hiroshi Horiike, Osaka Univ., Japan / Kazuhiko Kudo, Kyushu Univ., Japan / Masaaki Suzuki, Tokyo Tech, Japan / Takao Kashiwagi, Tokyo Tech, Japan.

#### Local Committee:

Kenji Arai, Toshiba / Tetsuo Matsumoto, Tokyo City Univ. / Tadafumi Koyama, CRIEPI / Yuji Kumagai, TEPCO / Eiji Otsu, JGC / Takeshi Nitawaki, Hitachi-GE Nuclear Energy/ Koji Fujimori, MHI / Masashi Takeno, JAPC / Shigeo Yoshida, Tokai Univ./

Toyohiko Yano, Yasuhisa Ikeda, Masaki Saito, Masayuki Igashira, Kenji Takeshita, Akio Minato, Minoru Takahashi, Hiroshi Akatuka, Yoshiyuki Oguri, Toru Obara, Shunji Iio, Jun Onoe, Hiroshige Kikura, Tetsuo Sawada, Hiroaki Tsutsui, Jun Hasegawa, Tatsuya Suzuki, Noriyosu Hayshizaki, Takehiko Tsukahara, Katsumi Yoshida, Junichi Ryu, Tatsuya Katabuchi, Hiroshi Sagara, Masao Nomura, Masayuki Harada, Haruaki Matsuura, Etsuko Koizumi, Masamitsu Imai, Mitsuo Matsuzaki, Atsushi Nezu, Kenichi Tosaka, Tokyo Tech.

#### Topics:

1. Innovative reactors  
Small reactors, Long-life reactors, High temperature reactors, Advanced thermal reactors, Innovative nuclear burning
2. Innovative transmutation and separation systems
3. Fuel cycles including HLW disposal and nuclear nonproliferation issues
4. Innovative nuclear energy systems  
Low-carbon energy system, Hydrogen energy system, Thermal energy utilization system
5. Innovative neutron utilization
6. Materials for innovative nuclear energy systems

#### Call for Paper:

Participants who wish to present in the conference are invited to submit a one page abstract in English. Please refer the symposium web-page, <http://www.nr.titech.ac.jp/ines3/> for the submission of it. Abstract should be submitted by 15 April, 2010 via the web-page.

The oral presenters will be selected from the abstracts. Poster presentation will be offered to other abstract submitters. All abstracts of oral and poster presentations will be published in a media. One of the authors of each presentation is required the registration of the symposium. A special issue of a Journal such as the Progress in Nuclear Energy is planned for the symposium. Selected papers will be recommended for publication in the Journal.

#### Registration:

Online registration will start from May 15. The registration fee includes full participation to all of academic presentations, a copy of abstracts and INES-3 special issue of the Journal, and coffee break. The online registration accepts only credit card payment. The onsite registration is only payable by cash, please.

Table Registration fees for INES-3

	Early-bird rate (Paid by July 15, 2010)	Standard rate (Paid by Oct. 30, 2010)	Onsite rate (Oct. 31 - Nov. 3, 2010)
Regular	40,000 JPY	45,000 JPY	50,000 JPY
Student	15,000 JPY	20,000 JPY	25,000 JPY
Reception on Nov. 2	10,000 JPY		

#### Important dates:

**Abstract submission deadline** 15 April, 2010

**Notification abstracts acceptance** 15 May, 2010

**Early registration deadline** 15 July, 2010

**Submission of full papers for a special issue**  
20 October, 2010

**Symposium** 31 October – 3 November, 2010

#### Contact:

Yukitaka Kato, Associate Professor  
CRINES, Tokyo Institute of Technology  
2-12-1-N1-22, Ookayama, Meguro-ku, Tokyo  
152-8550, Japan  
Phone/Fax: +81 3 5734 2967  
E-mail: [ines3@nr.titech.ac.jp](mailto:ines3@nr.titech.ac.jp)



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