



Second ANNOUNCEMENT

The Fourth International Symposium on Innovative Nuclear Energy Systems, INES-4 –Innovative Nuclear Science and Technology Post Fukushima–

Date:

6 – 8 November, 2013

Venue:

Ookayama Campus, 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.crines.titech.ac.jp/ines4/>

Organizers:

Organizing Committee of INES-4, Center for
Research into Innovative Nuclear Energy Systems
(CRINES), Research Laboratory for Nuclear
Reactors (RLNR), Tokyo Tech

Supporters:

MIT Center for Advanced Nuclear Energy Systems
(MIT-CANES), Atomic Energy Society of Japan,
Japan Atomic Energy Agency, Central Research
Inst. of Electric Power Industry, The Chemical
Society of Japan, Japan Society of Energy and
Resources, Div. Energy Eng. of Soc. Chem. Eng.
Japan, Div. Energy Env. of Iron Steel Inst. Japan,
IEEE-NPS05, Japan Society of Nuclear and
Radiochemical Sciences, Academy for Co-creative
Education of Environment and Energy Science
(ACEES), Tokyo Tech

Scope:

The 4th COE-INES International Symposium on
Innovative Nuclear Energy Systems, INES-4, aims
at discussing the latest research activities relevant to
the development of innovative nuclear science and
technology within a broad perspective. The goal is
to develop flexible approaches to establishing of
energy security in the wake of the Fukushima

accident. The symposium is organized by the
Center for Research into Innovative Nuclear
Reactors, CRINES, which was established after
successfully completion of the COE-INES program,
and RLNR, Tokyo Tech. The symposium is held in
succession to INES-1 at Shinjuku, Tokyo in 2004,
INES-2 at Yokohama in 2006, and INES-3 at
Tokyo Tech in 2010.

Conference Committees:

General Chair:

Toyohiko Yano (Director, CRINES and RLNR,
Tokyo Tech)

Chair Emeritus:

Hiroshi Sekimoto (UCB, Professor Emeritus of
Tokyo Tech)

Chair:

Yukitaka Kato (CRINES, Tokyo Tech)

Organizing Committee Members:

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Koji Fujimura, Hitachi / Mutsuko Hatano, ACEES,
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Suzuki, Nagaoka Univ. Tech. / Naoyuki Takaki,
Tokyo City Univ. / Masatoshi Yamasaki, NFI /
Shigeo Yoshida, Tokai Univ. / Satoshi Chiba, Toru
Obara, Takehiko Tsukahara; CRINES, Tokyo Tech

Technical Program Committee:

Toru Obara, Tokyo Tech (Chair)
Takehiko Tsukahara, Tokyo Tech (Vice Chair)

Editorial Board for Special Issue:

Satoshi Chiba, Tokyo Tech (Editor-in-Chief)

International Scientific Committee Members:
Samuel A. Apikyan, NATSP / Vadimir Artisiuk, CICET / Nam Zing Cho, KAIST / Suren Davaa, NUM / Robin Forrest, IAEA / Tokio Fukahori, JAEA / Andrey Yu. Gagarinski, Kurchatov Institute / Ehud Greenspan, UCB / Ingmar Grenthe, KTH / Andrey Gulevich, IPPE / Il Soon Hwang, NUS / Toshihiko Kawano, LANL / Mujid Kazimi, MIT / Edward Kryuchikov, MEPhI / Kazuhiko Kunitomi, JAEA / Ning Li, Xiamen Univ. / Werner Maschek, IKET / Massimo Salvatores, CEA / Farhang Sefidvash, EPN / Yoichiro Shimazu, Univ. of Fukui / Zaki Su'ud, ITB / Toshikazu Takeda, Univ. of Fukui / Georgy I. Toshinsky, IPPE / Yukinobu Watanabe, Kyushu Univ.

Topics:

1. Innovative nuclear reactors
2. Innovative nuclear energy utilization systems
3. Innovative separation, transmutation and fuel cycles
4. Nuclear safety, security and nonproliferation
5. Nuclear fundamentals and neutron utilization
6. Innovative application of accelerators and plasmas
7. Materials for innovative nuclear energy systems
8. Heat transfer and hydraulics for innovative nuclear energy systems
9. Biological effects and medical applications of radiation

Call for Paper:

Participants who wish to present in the conference are invited to submit a one page abstract in English. At least one author is required to register for the symposium and present his or her paper. Please refer the symposium web-page, <http://www.crines.titech.ac.jp/ines4/> for the submission of it. Abstract should be submitted by ~~30 April, 2013~~ **14 May, 2013** 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. Strict peer review of submitted papers will be carried out, and selected high-quality papers will be published in a special issue of Progress in Nuclear Energy (PNE). Other papers which satisfy publication criteria will be

published in a special issue and as an online journal of Energy Procedia (EP). Registration fee includes the publication fee and printed special issues of PNE and EP.

Registration:

Online registration will start from 30 June, 2013. The registration fee includes full participation to all of academic presentations, a copy of abstracts and INES-4 special issue of the Journals, 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-4

	Early-bird rate (Paid on or before 31 Aug., 2013)	Standard rate (Paid on or before 31 Oct., 2013)	Onsite rate (Paid after 31 Oct. 2013)
Regular	50,000 JPY	60,000 JPY	70,000 JPY
Student presenter	20,000 JPY	25,000 JPY	30,000 JPY
Student observer*	Free		5,000JPY
Reception party on 7 Nov.		10,000 JPY	

*) without presentation, without proceedings
Cancellation policy: The cancellations must be received on or before 31 August, 2013. In this case, registration fees will be refunded after deducting the cancellation fee (10,000 JPY). No refunds will be made for any cancellation after that date.

Important dates:

Abstract submission deadline ~~30 April, 2013~~ **14 May, 2013 (Extended)**
Notification abstracts acceptance **30 June, 2013**
Early registration deadline **31 August, 2013**
Submission of full papers for proceedings **31 October, 2013**
Symposium **6 – 8 November, 2013**

Contact:

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