

First Announcement



The 21st Century Center of Excellence Program on
“Innovative Nuclear Energy Systems for Sustainable Development
of the World” (COE-INES)
Tokyo Institute of Technology

The 2nd COE-INES International Symposium on Innovative Nuclear Energy Systems, INES-2

November 26 – 30, 2006

at the Pacifico Yokohama

1-1-1 Minato Mirai, Nishi-ku, Yokohama, 220-0012, Japan
Phone: +81-(0)45-221-2155 http://www.pacifico.co.jp/index_e.html

The symposium INES-2 will be held in the COE-INES program to discuss the concepts and researches aiming at the development of innovative nuclear reactor systems and innovative separation/transmutation systems with free thinking and overall vision in succession to INES-1 held in 2004. At the symposium, the results of the COE-INES activities for the establishment of international cooperation network and educational missions will be also presented, and a student-organized program will be scheduled. All of you are heartily welcomed to the symposium.

Areas of Interest:

The scope of topics covered by INES-2 includes:

1. Innovative nuclear energy systems
 - Nuclear utilization systems based on fuel cycle
 - Simultaneous solution for safety, radioactive waste and proliferation problems
2. Innovative reactors
 - Small reactors, Long-life reactors, High temperature reactors, Advanced thermal reactors, Innovative nuclear burning
3. Innovative separation and fuel cycles/radioactive wastes
4. Nuclear nonproliferation issues
5. Innovative energy systems
 - Hydrogen energy system, Cogeneration system, Thermal energy utilization system
6. Material and process for innovative energy systems
7. International cooperation on research and education for nuclear energy
8. Relationship between nuclear energy and society

All presentations will be made in English. Authors are requested to submit an abstract to coe-ines@nr.titech.ac.jp before June 16, 2006. The abstract should include the followings: paper title, author, affiliation, contact information of the authors' representative (postal address, e-mail, phone/fax number), abstract of 300 words and choice of oral/poster.

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About the COE-INES : 21st Century COE (Center Of Excellence) program was adopted by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT) to reinforce university education and research functions for study at a higher level and cultivation of creative, internationally competitive talent. Our proposal, COE-INES, was the only chosen one for the Nuclear Science and Technology Category, and stands for “21st Century COE Program: Innovative Nuclear Energy Systems for Sustainable Development of the World”.