

# CALL FOR PAPERS



## ICENES 2007

13<sup>th</sup> International Conference on  
Emerging Nuclear Energy Systems

3 – 8 June 2007

Istanbul/Turkey

<http://www.icenes2007.org/>



## Objectives

The main objective of International Conference series on Emerging Nuclear Energy Systems (ICENES) is to provide an international scientific and technical forum for scientists, engineers, industry leaders, policy makers, decision makers and young professionals who will shape future energy supply and technology, for a broad review and discussion of various advanced, innovative and non-conventional nuclear energy production systems. The new dimension of ICENES2007 is to extend the forum, which will also comprise innovative non-nuclear technologies, such as hydrogen energy, solar energy, deep space exploration, etc. with emphasis on UNTHINKABLE IDEAS on sound scientific-

technical basis. Earlier conferences were held in Graz (Austria), Lausanne (Switzerland), Helsinki (Finland), Madrid (Spain), Karlsruhe (Germany), Monterey (USA), Chiba (Japan), Obninsk (Russia), Tel-Aviv (Israel), Petten (The Netherlands), Albuquerque (USA) and Brussels (Belgium).

The host organizations of ICENES2007 are Gazi University, Ankara and Bahçeşehir University, İstanbul Turkey.

Furthermore, ICENES2007 is sponsored by Turkish Atomic Energy Authority (TAEK), International Centre for Hydrogen Energy Technologies of United Nations Industrial Development Organization (UNIDO-ICHET) and American Nuclear Society (ANS), Turkish Scientific and Technical Research Council (TÜBİTAK), European Nuclear Research Center (CERN), Ministry of Culture and Tourism.

#### Conference Chairman

Prof. Dr. Sümer Şahin

#### Conference Co-Chairman

Prof. Dr. Şenay Yalçın

#### General Chairman

Prof. Dr. J.M.Martinez-Val, Spain

H. M. Şahin

*Technical Program Chairman*

E. Tanrıseven

*Congress Organizer*

A. Çerçi

*Congress Organizer*

#### International Scientific Committee

C. Rubbia, Italy *Honorary*

N. Diaz, USA *Honorary*

T. N. Veziroğlu, UNIDO *Honorary*

#### National Scientific Committee

O. Çakıroğlu

E. Arık

S. Sultansoy

**A. Miller, Canada**

**A. Shenoy, USA**

**A.H.M. Verkooijen, The Netherlands**

**B. Carlucc, France**

**E. Cheng, USA**

**E. Greenspan, USA**

**F. Sefidvash, Brazil**

**H. Ait Abderrahim, Belgium**

**H. Sekimoto, Japan**

**H. Takahashi, USA**

**İ. Dinçer, Canada**

**J. Dekeyser, Belgium**

**J.A. Rubio, Spain**

**J.C. Kuijper, The Netherlands**

**K. Furukawa, Japan**

**K. Schöpf, Austria**

**K. Schultz, USA**

**K. Y. Suh, Republic of Korea**

**L. El-Guebaly, USA**

**L. Tepper, Israel**

**L. Tocheny, Russia**

**L. Vanhoenacker, Belgium**

**K. Altınışik**

**F. Kadirgan**

**H. Saygin**

**H. Yapıcı**

**T. Altınok**

**E. Tanker**

**B. Şarer**

**N. K. Aras**

**N. Aslan**

**V. Altın**

**O. Alniak**

**K. Yıldız**

**O. İpek**

**M. Ubeyli**

**A. Acır**

**N. Şahin**

**E. Tel**

**M. Abdou, USA**

**M. S. El-Genk, USA**

**M. Decréton, Belgium**

**P. Vaz, Portugal**

**R. Karam, USA**

**R. Moir, USA**

**R. Salomaa, Finland**

**S. Anghaie, USA**

**S. Eliezer, Israel**

**T. Kamash, USA**








**T. Mehlhorn, USA**

**W. Gudowski, Sweden**

**X. Vitart, France**

**Y. Ronen, Israel**

### **Topics**

-  **Advanced Fission Systems**
-  **Fusion Energy Systems**
-  **Accelerator Driven Systems**
-  **Exotic Nuclear Reactor Concepts**
-  **Transmutation and Fuel Cycle**
-  **Co-Generation and Non Electricity Production Applications**
-  **Generation IV Reactors**

- ✚ Space Power and Propulsion
- ✚ Deep Space Exploration, general
- ✚ Nuclear Hydrogen Production
- ✚ Radiation Protection & Shielding
- ✚ Hydrogen Energy, general including non-nuclear applications
- ✚ Solar Energy, Solar Sailing
- ✚ Societal Issues
- ✚ Energy policy, conversion and management
- ✚ Alternative and hybrid energy systems.

Papers on hydrogen, solar and other alternative energies as natural and mutual complements of Nuclear Energy in a sustainable development framework are strongly encouraged.

### Language

The official language of the Conference will be English.

### Important dates:

- |   |                                |
|---|--------------------------------|
| Deadline for abstracts ( <b>Extended to</b> ):                | 24 <sup>th</sup> November 2006 |
| Notification of conference acceptance ( <b>Extended to</b> ): | 10 <sup>th</sup> January 2006  |
| Camera-ready manuscript due ( <b>Extended to</b> ):           | 30 <sup>th</sup> April 2007    |

Authors may use the "Online Submission" on the conference web page for sending "ABSTRACTS" or send them via e-mail directly to: [abstract@icenes2007.org](mailto:abstract@icenes2007.org) with a cc to: [sumer@gazi.edu.tr](mailto:sumer@gazi.edu.tr). Abstracts should be of 400 to 500 words in length and include sufficient information to explain and

support the new and significant results to be presented in the proposed paper. The topical area appropriate to the abstract and the name and address of the author to whom correspondence should be addressed must be clearly stated at the top of the first page. To be considered for acceptance, author can send an abstract in ".pdf " or ".doc " format via e-mail.

### Proceedings

The proceedings will be produced in the form of an interactive CD-ROM with an ISBN registration number.

A selection of ICENES'2007 papers will be published in a special edition of the Journal "Energy Conversion & Management".

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/269/description#description](http://www.elsevier.com/wps/find/journaldescription.cws_home/269/description#description)

For scientific and technical inquiries: Prof. Dr. Sümer Şahin

Gazi University 06500 ANKARA/TURKEY

Tel: +90 (312) 212 43 04

Fax: +90 (312) 212 43 04

[sumer@gazi.edu.tr](mailto:sumer@gazi.edu.tr)

For general inquiries: Bakhus Tourism Industry&Trading Inc.

Göreme Sok. 8/5 Kavaklıdere 06680

ANKARA/TURKEY

Tel: +90 (312) 466 15 00 PBX

Fax: +90 (312) 466 15 25

[erkutt@bakhus.com.tr](mailto:erkutt@bakhus.com.tr)