



4. International Conference on Nuclear & Renewable Energy Resources

26-29 OCTOBER 2014, Sentido Zeynep Resort, Antalya, TURKEY



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Dear Colleagues and Friends,

It is our pleasure to invite you to attend the 4th International Conference on Nuclear and Renewable Energy Resources (NURER2014), which will take place in Antalya, Turkey during 26-29 October 2014.

This event will consist of a knowledge-based and comprehensive scientific program, featuring oral and poster presentations with possible commercial exhibitions from energy and publishing sectors. Thus, it will provide a good opportunity to become familiar with the most recent R&D tools in innovative nuclear and renewable energy systems, as well as looking at cutting-edge ideas on a sound scientific-technical basis. The aim is to combine the intellectual debates on the leading practical applications on nuclear and non-nuclear technologies, such as hydrogen energy, wind energy, solar concentrating systems, PVs, power systems, alternative energy tools, deep space exploration, etc.

Starting from 2009, previous conferences were held in Ankara and İstanbul and many outstanding conference papers were published in some reputable SCI-indexed and EI-Indexed journals as special editions. For 2014, one of the most beautiful and most attractive touristic regions of Turkey will host NURER2014, where sea and mountains embrace each other under the *fascinating hospitality of Turkish people*.

Please be sure that you will enjoy the meeting facilities at the congress venue. You will enjoy our assistance to ensure your stay with us is fascinating, rewarding and memorable. We are confident you will all be delighted with your stay in Antalya where you will have the opportunity to experience the renowned Turkish hospitality.

A selection of 2015 papers will be published in a special edition of the "International Journal of Hydrogen Energy"

<http://www.journals.elsevier.com/international-journal-of-hydrogen-energy/>

and

International Journal of Energy Research

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-114X](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-114X)

The conference web address is:

<http://www.nurer2014.org/>

CONFERENCE TOPICS

Fission-Fusion Energy Technologies

- Innovative Ideas On Fusion Energy
- Sustainable Nuclear Fuel Technologies
- Fast-breeding Reactors
- Radiation protection and shielding
- Nuclear hydrogen production
- Advanced fission systems

Renewable Energy Technologies

- Innovative technologies
- Solar thermal power
- PV cells and system
- Wind power
- Biomass and biogas
- Geothermal Energy
- Wavy and tidal power
- Ambient energy utilization
- Power systems
- Energy harvesting systems

Carbon Dioxide Reduction & Low Carbon Technologies

- Heat pumps and CHP systems
- Hydrogen generation and storage systems
- Fuel cells
- Zero or low carbon technologies

- Process optimization with carbon reduction
- Energy and life cycle analysis

Energy & Environmental Issues

- Solar heating and cooling
- Low and zero energy houses and buildings
- Moisture control in buildings
- Advanced energy storage
- Integration of renewable energy system in building
- HVAC system and natural ventilation
- Distributed energy systems and building
- Energy saving and system operation optimization

Renewable Energy Management and Environmental Impact

- Renewable energy policies and economics
- Carbon trading
- Sustainability impact assessments and tools
- Sustainable development criteria
- Simulation, optimization and analysis tools
- Integrated approaches
- Energy control strategies and grid systems

Technology Transfer, International Cooperation and Innovation