
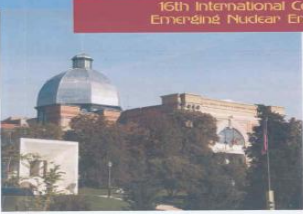



May 26-30, 2013. School of Industrial Engineering (etsii)
UNIVERSIDAD POLITÉCNICA DE MADRID (UPM)
MADRID - SPAIN

**Institute of Nuclear Fusion
ICENES 2013**

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**16th International Conference on
Emerging Nuclear Energy Systems**

The 16th ICENES is being hosted by the Institute of Nuclear Fusion (DENIM) of the Universidad Politécnica de Madrid (UPM). ICENES has a long history as a venue for sharing ideas and research results on emerging nuclear energy technologies and applications.

This version of ICENES will focus on topics that enhance the interest of leaders, experts and researchers in fusion and fission energy systems. The conference will cover keynote, invited and contributed oral talks and poster presentations.



Broad Interest Topics

- Long range energy planning – a world view of energy growth and implications for nuclear energy
- Improving resource utilization / Sustainability
- Creating and promoting a positive public and political image/status
- Updates on worldwide nuclear activities, after Fukushima.
- Horizon 2020/2050 strategies

2. Emerging/Innovative Fusion Systems and Applications

- Inertial fusion energy
- Magnetic fusion energy
- Fusion-Fission hybrids

3. Emerging/Innovative Fission Systems and Applications

- Evolutionary
- HTGRs
- Breeders
- Small reactors
- Modular designs

4. Improving Technical Performance

- High conversion efficiency
- Advanced power cycles
- Improving material performance
- Radiation damage testing, modeling and simulations
- Radiation testing facilities

5. Safety and Environment

- Licensing of advanced nuclear energy systems
- Modeling and simulations

6. Advanced Neutron Sources and Accelerator Driven Systems

- Spallation sources
- Triple coupling: accelerator, source, reactor
- ADS programs
- Neutron sources by laser driven

7. Advanced Fuel Cycles

- Minimizing nuclear "waste" and related public concerns
- Irradiated fuel separation processes
- Innovation transmutation
- Advanced fuel cycles

8. Operations and Economics

- Life extension
- Low carbon economies
- Nuclear power and electric cars

9. Knowledge Management and Human Resources

- Networking
- Massive open on-line courses
- Knowledge management preservation
- Needs of human resources for future projects



2012

November 1: Call for abstracts
December 1: Registration Opens

2013

January 15: Deadline for abstracts submission
February 15: Authors notified of paper acceptance
April 1: Deadline for advanced registration at normal fees
April 1: Deadline for hotel reservation with special conference discounted rates
May 26: Registration on-site
May 27: Conference open / Reception
May 29: Banquet
May 30: Conference adjourn

**calendar of events
AND DEADLINES**



Organizing Committee

ICENES2013 General Chairman
Prof. Emilio Minguez

ICENES2013 TPC Chairman
Prof. José M. Perlaño

ICENES Series Chairman
Prof. José M. Martínez-Vel