



**IAMOT 2007 : 17<sup>th</sup> International Conference on Management of Technology  
Dubai International Convention and Exhibition Centre (DICEC), Dubai, UAE  
April 6-10, 2008**

**Special Track  
" Management of the Nuclear Technologies"**

**Presentation:**

The development of nuclear power in the years following the IInd World War has been no less than remarkable. These accomplishments helped nations deal with a number of challenges, including energy crises and fears about growing dependence on foreign oil, an increased awareness of the problem of global warming, and, more recently, worries over the diversion of nuclear materials to terrorists. These same concerns were shared internationally.

A number of countries count on nuclear power to meet a large percentage of their electricity and water requirements, thus contributing to reducing the burden on fossil fuels and their environmental impact. Much of the future growth of nuclear power is earmarked for the developing countries, where economic and population growth challenges are the greatest.

The question arises as to what will be the mission of the atom for the next fifty years? The peaceful use of the atom has already been established, and a new theme is needed, recognizing that the world will face unprecedented challenges over the next fifty years to supply electricity, clean, sustainable water, to produce hydrogen, to support economic and population growth that will test our available resources. Nuclear energy, as an industry, should take this opportunity to point out the many advancements of nuclear power and other peaceful uses of the atom that have taken place over the past fifty years.

IAMOT should use this as an opportunity to highlight the potential role of the atom over the next fifty years in organizing in the framework of its International Conference a special session dedicated to the management of nuclear technologies.

**Subject Coverage:**

- Nuclear technology and global ethics
- Impact of nuclear business on global economic (uneven-even) development
- Nuclear industrial strategies, ecological prosperity and sustainability
- Economics and management of nuclear energy
- National energy policies
- Nuclear energy and employment
- Geopolitics of energy resources
- Ecological and environmental impacts of nuclear energy
- Ecological economics applied to nuclear energy

- Globalization of nuclear research and development
- Nuclear technological change and security
- Prevention of Nuclear Accidents;
- Nuclear Quality assurance
- International nuclear technology transfer
- Partnerships, networks and joint ventures
- Investment in nuclear technology
- Application of nuclear techniques in various fields
- Nuclear production of electricity
- R&D programs on nuclear production of electricity
- Economics of nuclear production of electricity
- Waste management
- Nuclear knowledge management
- Regulation of Nuclear Technology
- Nuclear safety culture
- Public Attitudes and Public Acceptance

### **Registration and Submission**

[Registration and submission of papers](#) will respect the general process of IAMOT.

### **Publication:**

Depending their topic, selected papers will be published in:

- [International Journal of Nuclear Knowledge Management](#)
- [International Journal of Nuclear Governance, Economy and Ecology](#)