

# IAEA SCIENTIFIC FORUM 2007

## Global Challenges and the Development of Atomic Energy: The Next 25 Years

### *PROGRAMME*

**TUESDAY, 18 SEPTEMBER 2007**

**09:30 – 10:00**

**Opening Session: Dr. Mohamed ElBaradei, Director General of the IAEA  
The Honourable Gareth Evans, Forum Chair**

**10:00 – 13:00 hours**

### **Session 1: Nuclear Power**

Keynote Topics\*:

- Energy for the 21st Century and the Potential of Nuclear Power
- Assured Supplies of Nuclear Fuel: The International Uranium Enrichment Centre
- Challenges Faced by Developing Countries in Nuclear Power Development
- Nuclear Power: An Inevitable Option for Sustainable Development
- Nuclear Power in the Middle East
- Managing the Residues
- Innovation, Research and Development for the Next Quarter Century
- ITER and Expectations for Fusion Research in the Next Quarter Century

**13:00 – 15:00 hours**                      Break

**15:00 – 18:00 hours**

### **Session 2: Meeting New Challenges in Food, Agriculture and Health**

Keynote Topics\*:

- Food and Agriculture: The Global Challenges
- Control of Animal Diseases of a Zoonotic Nature – A Challenge for Our Future
- Sustainable Agriculture: Our Future Survival
- Cancer as a Global Health Issue: Strategies for Success
- Radiation Therapy as an Effective Tool to Fight Cancer in Women: Future Trends

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\* The keynote presentations will be followed by a panel discussion.

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**WEDNESDAY, 19 SEPTEMBER 2007**

**10:00 – 13:00 hours**

### **Session 3: Global Safety and Security Regime: Building Robust Safety and Security Infrastructures**

Keynote Topics\*:

- Challenges of a Harmonised Global Safety Regime
- Safety and Security of Transport of Radioactive and Nuclear Material
- Ageing of Nuclear Reactors, Safety and Security Perspectives for the Future
- Safety and Security of Innovative Reactors and Other Fuel Cycle Facilities
- Safety and Security of Radioactive Sources: The Next 25 Years
- Decommissioning, Remediation, Radioactive Waste Management and Societal Issues: Challenges for the Future
- Enhancing the Global Emergency Preparedness and Response

**13:00 – 15:00 hours**

Break

**15:00 – 18:00 hours**

### **Session 4: Safeguards and Nuclear Verification: A Long Term View**

Keynote Topics\*:

- Consolidation of Non-Proliferation and Safeguards on a Regional Basis in the Context of Nuclear Power Renaissance
- Outlook on the Global Nuclear Non-Proliferation Regime: The Future of the NPT
- Understanding Clandestine Nuclear Procurement Networks
- Giving up Nuclear Weapons: Lessons Learned for the Future
- The Expected World Security Context for the Next 25 Years: Nuclear Implications

*For further information please contact:*

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To register online and for further information please go to

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\* The keynote presentations will be followed by a panel discussion

<http://www-pub.iaea.org/MTCD/Meetings/Meetings.asp>