

Remarkable changes have occurred in nearly every aspect relevant to nuclear energy in recent years. As we look to the future, it is important that we have the necessary foresight, tenacity and clarity of vision — because we face daunting challenges and much remains to be done. IAEA Member States face important development issues: improving health care; increasing agricultural production; and securing water and energy supplies. Vulnerabilities remain in nuclear and radiological safety and security. And the nuclear non-proliferation and arms control regime needs to be reinforced. In all these areas, we need to look for creative approaches — in terms of both scientific applications and policy mechanisms — so that nuclear technology can continue to play a significant role in social development and in the promotion of peace.

Mohamed ElBaradei
IAEA Director General

Pre-registration for this meeting will take place at the Vienna International Centre (VIC), Wagramer Strasse 5, Gate 1, on Friday 14 September as of 9:00 a.m. and on Sunday 16 September as of 2:30 p.m. at the Austria Center Vienna (ACV).

Registration as of Monday 17 September 2007 will take place at the Austria Center Vienna only, beginning at 8:00 a.m.

For general information:

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

Further information can be obtained from:

Office of External Relations and Policy Coordination
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On-line Registration:

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



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



18–19 September 2007
Conference Room C
Austria Center Vienna



Tuesday 18 September 2007
9:30 a.m.

Opening Session

Director General, IAEA: Dr. Mohamed ElBaradei
Forum Chair: The Hon Gareth Evans

Session 1

Nuclear Power

Moderator: C. K. Park

Keynote Speakers:

- L. Echávarri Energy for the 21st Century and the Potential of Nuclear Power
- Q. Sun Energy for Developing Countries and the Potential of Nuclear Power
- K. Touqan Nuclear Power in the Middle East
- S. Kiriyyenko Nuclear Fuel Services in the Next Quarter Century
- J. Laaksonen Managing the Residues
- S. Bodman Innovation, Research and Development for the Next Quarter Century
- K. Ikeda ITER and Expectations for Fusion Research in the Next Quarter Century



Tuesday 18 September 2007
3:00 p.m.

Session 2

Meeting New Challenges in Food, Agriculture and Health

Moderator: P. Schuller Liewald

Keynote Speakers:

- I. Magrath Cancer as a Global Health Issue: Strategies for Success
- R. Sankaranarayanan Radiation Therapy as an Effective Tool to Fight Cancer in Women: Future Trends
- J. Diouf Food and Agriculture: The Global Challenges
- S. Mas-Coma Control of Animal Diseases of a Zoonotic Nature — A Challenge for our Future
- M. Bokanga Sustainable Agriculture — Our Future Survival



Wednesday 19 September 2007
10:00 a.m.

Session 3

Global Safety and Security Regime: Building Robust Safety and Security Infrastructures

Moderator: J. A. Hashmi

Keynote Speakers:

- J. Repussard Challenges of a Harmonized Global Safety Regime
- O. Dias Safety and Security of Transport of Radioactive and Nuclear Material
- Shin Won Ky Ageing of Nuclear Reactors: Safety and Security Perspectives for the Future
- D. Klein Safety and Security of Innovative Reactors and other Fuel Cycle Facilities
- C. Martínez Safety and Security of Radioactive Sources: The Next 25 Years
- J. Melin Decommissioning, Remediation, Radioactive Waste Management and Societal Issues: Challenges for the Future
- R. Cameron Enhancing Global Emergency Preparedness and Response



Wednesday 19 September 2007
3:00 p.m.

Session 4

Safeguards and Nuclear Verification: A Long Term View

Moderator: K. Aas

Keynote Speakers:

- J. Cirincione The Expected World Security Context for the Next 25 Years: Nuclear Implications
- A. Baali Consolidation of Non-Proliferation and Safeguards on a Regional Basis in the Context of a Nuclear Power Renaissance
- N. Abe Outlook on the Global Nuclear Non-proliferation Regime: The Future of the NPT
- M. Fitzpatrick Understanding Clandestine Nuclear Procurement Networks
- A. Minty Giving up Nuclear Weapons: Lessons Learned for the Future