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الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energia Atómica

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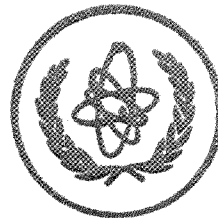
The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the Ministries of Foreign Affairs of its Member States and has the honour to request that they draw the attention of the appropriate governmental authorities to the Scientific Forum, which will be held during the fifty-first regular session of the General Conference. This year, which coincides with the 50<sup>th</sup> anniversary of the IAEA, the theme of the Forum will be *Global Challenges and the Development of Atomic Energy: The Next 25 Years* and it will take place on 18 and 19 September 2007 in Conference Room C of the Austria Center, parallel to the formal proceedings of the General Conference. There will be four sessions on the following topics: *Nuclear Power; Meeting New Challenges in Food, Agriculture and Health; Global Safety and Security Regime: Building Robust Safety and Security Infrastructures; and Safeguards and Nuclear Verification: A Long Term View.*

The *first* session is expected to explore the possible role of nuclear energy in meeting global energy demands. The *second* session will discuss ways to enhance sustainable agricultural productivity and environmental sustainability in the next 25 years and address the new and upcoming challenges for cancer practitioners. The *third* session will focus on the current and emerging challenges in nuclear, radiation, transport and radioactive waste safety and security and emergency preparedness and response. The *fourth* session will examine the evolution of the global and regional security environments, including verification and disarmament related matters, with a particular focus on nuclear fuel cycle technologies.

Governments to which this note is addressed are invited to designate representatives for participation in the Forum. The Agency encourages Member States to include in their delegations representatives from organizations dealing with the issues mentioned above. The Secretariat would be grateful if the attached Tentative Programme and Participation Form could be brought to the attention of the authorities, institutions and persons that might be interested.

Governments are requested to inform the designated participants that, if they require visa to enter Austria, they should submit the necessary application to the nearest diplomatic or consular representative of Austria as soon as possible.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the Ministries of Foreign Affairs of the Member States of the Agency the assurances of its highest consideration.



2007-07-10

Enclosures: Tentative Programme  
Participation Form

# IAEA SCIENTIFIC FORUM 2007

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

### *TENTATIVE 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
- Energy for Developing Countries and the Potential of Nuclear Power
- Nuclear Power in the Middle East
- Nuclear Fuel Services in the Next Quarter Century
- 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\*:

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

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

**IAEA SCIENTIFIC FORUM 2007**  
**Global Challenges and the Development of Atomic Energy:**  
**The Next 25 Years**

**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:*  
International Atomic Energy Agency  
Wagramer Strasse 5, P.O. Box 100, A-1400 Vienna, Austria  
Tel: +43-1-2600-0, Fax: +43-1-26007  
To register online and for further information please go to  
<http://www-pub.iaea.org/MTCD/Meetings/Meetings.asp>

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



**Scientific Forum – Global Challenges and the Development of Atomic Energy: The Next 25 Years**

Vienna, Austria  
(18-19 September 2007)

Conference ID: IAEA-CN-159

*This form needs to be duly completed and - for registration purposes - either sent to [a.mckay@iaea.org](mailto:a.mckay@iaea.org) or [e.fritz@iaea.org](mailto:e.fritz@iaea.org) or is to be faxed to the following fax number at the IAEA: +43 1 2600 29325*

* Salutation (Mr/Ms):	
* Family Name:	
* First Name:	
* Nationality:	
* Institution/Affiliation:	
* Address:	
* Postal Code:	
* Town/City	
* Country:	
* E-Mail:	
* Telephone (including area code):	
Fax:	
Mailing Address: (if different from the address given above)	
* Qualifications for attending this event:	
<p>Note: The IAEA cannot provide any financial, logistical or visa assistance in connection with the Scientific Forum. Seating capacity in the meeting room is limited.</p>	
* Mandatory Fields	