

DRAFT
AGENDA FOR SEMINAR ON NUCLEAR SCIENCE
AND TECHNOLOGY FOR DIPLOMATS
3–5 February 2009
C04 – IAEA BOARDROOM

Department of Nuclear Energy

3 FEBRUARY

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|-------------|---|-------------|---|
| 09:00-09:30 | Seminar Registration/Coffee | 15:00-15:30 | 2.3 Reprocessing, Waste Treatment and Disposal |
| 09:30-09:55 | Video | | Division of Nuclear Fuel Cycle and Waste Technology |
| 09:55-10:10 | Opening & Welcoming Remarks | | Department of Nuclear Energy |
| | Office of External Relations and Policy Co-ordination | 15:30-15:45 | Discussion Period- Questions and Answers |

TOPIC 1: BASIC CONCEPTS

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|-------------|---|
| 10:10-10:40 | 1.1 Radiation Effects |
| | Department of Nuclear Safety and Security |
| 10:40-10:55 | Discussion Period - Questions and Answers |
| 10:55-11:10 | Coffee Break |

TOPIC 2: NUCLEAR ENERGY

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| 11:10-12:00 | 2.1 Nuclear Reactors |
| | Division of Nuclear Power Department of Nuclear Energy |
| 12:00-12:30 | 2.2 Video |
| 12:30-12:45 | Discussion Period - Questions and Answers |
| 12:45-14:30 | Reception at VIC Restaurant |
| 14:30-15:00 | 2.3 Nuclear Fuel, Uranium Enrichment, Fuel Fabrication, MOX |
| | Nuclear Fuel cycle and Materials Section |

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| | | 14:00-14:50 | 3.6 Agency's Laboratories, Agency's Laboratories Seibersdorf, Department of Nuclear Sciences and Applications |
| <u>TOPIC 3:</u> | <u>RADIATION AND NUCLEAR TECHNIQUES</u> | | |
| 09:00-09:30 | 3.1 Radiation Technology Applications for Industry and Environment Industrial Applications and Chemistry Division of Physical and Chemical Sciences- Department of Nuclear Sciences and Applications | 14:50-15:00 | Discussion Period - Questions and Answers |
| | | <u>TOPIC 4:</u> | <u>NUCLEAR SAFETY</u> |
| 09:30-10:00 | 3.2 Applications in Food and Agriculture Soil and Water Management & Crop Nutrition Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture | 15:00-15:30 | 4.1 Nuclear Installation Safety: Division of Nuclear Installation Safety Department of Nuclear Safety and Security |
| | | 15:30-15:45 | Discussion Period - Questions and Answers |
| | | 15:45-16:00 | Coffee Break |
| 10:00-10:30 | 3.3 Isotope Applications: Water Resources Isotope Hydrology Section Division of Physical and Chemical Sciences Department of Nuclear Sciences and Applications | 16:00-16:30 | 4.2 Radiation Safety Infrastructure: For a continuous effective and sustainable control over radiation sources Policy & Programme Support, Department of Nuclear Safety and Security |
| 10:30-10:45 | Discussion Period - Questions and Answers | 16:30-16:45 | Discussion Period - Questions and Answers |
| 10:45-11:00 | Coffee Break | | |
| 11:00-12:00 | 3.4 Radiation Medicine: Imaging and Cancer Therapy Division of Human Health/PACT Department of Nuclear Sciences and Applications | | |
| 12:00-12:15 | Discussion Period - Questions and Answers | | |
| 12:15-14:00 | Lunch Break | | |

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TOPIC 5: NUCLEAR SECURITY

09:00-09:30 **5.1 Measures to Protect Against Nuclear Terrorism**

Office of Nuclear Security
Department of Nuclear Safety & Security

09:30-09:45 Discussion Period -
Questions and Answers

TOPIC 6: INTERNATIONAL SAFEGUARDS

09:45-10:30 **6.1 The State Evaluation Process –**

Essential Verification Tools:

(1)- Satellite Imagery

(2) Environmental Sampling

Coordination and Support Section
Department of Safeguards

10:30-10:45 Discussion Period -
Questions and Answers

10:45-11:00 **Coffee Break**

11:00-11:40 **6.2 Video -**

11:40 -12:10 **6.3 Verification Activities**

Division of Safeguards Operations
Department of Safeguards

12:10-12:25 Discussion Period -
Questions and Answers

5 FEBRUARY – afternoon

Visits to the Agency’s Incident and Emergency Centre: (5 Groups: 20 persons each)

14:30 1st Group

15:00 2nd group

15:30 3rd Group

16:00 4th Group

16:30 5th Group

NOTE Availability of Lecturers at the time of the seminar may be subject to change without notice