

# ISNE-10

# Agenda

		<b>Tuesday, December 14, 2010</b> (and before)	
		<b>Arrival to Amman</b>	
Wednesday, December 15, 2010	<b>Wednesday, December 15, 2010</b>		
	08:00 to 09:00	<b>Registration</b>	
	09:00 to 09:30	<b>Opening Ceremony</b> <ul style="list-style-type: none"><li>• Royal Anthem.</li><li>• Recitation of the Holy Quran.</li><li>• Speech of the President of Al-Balqa Applied University.</li><li>• Welcoming speech of the Symposium Organizers.</li><li>• Speech of the Patron.</li></ul> <p style="text-align: right;"><i>(Master of Ceremony: Shatha Qaqish)</i></p>	
	09:30 to 10:00	Coffee Break	
	<b>Session I</b> <b>Chairperson: Abdallah Al-Zoubi</b>		
	10:00 to 10:30	<b>Jamal Sharaf</b> <b>Director General, Jordan Nuclear Regulatory Commission JNRC</b> <i>Nuclear Safety Infrastructure.</i>	
	10:30 to 11:00	<b>Jordan Atomic Energy Commission JAEC</b> <i>To be announced.</i>	
	11:00 to 11:30	<b>Ibrahim Othman</b> <b>Director General, The Atomic Energy Commission of Syria AECS</b> <i>The role of regional agreements in supporting peaceful applications of nuclear sciences.</i>	
	11:30 to 12:00	<b>Anwar Habib</b> <b>Chairman, Pakistan Nuclear Regulatory Authority, Pakistan</b> <i>Essential Attribute for use of Nuclear Energy - Regulatory Oversight Framework.</i>	
	12:00 to 12:30	<b>Russell Gibbs</b> <b>Senior Safety Officer, Safety and Security Coordination Section</b> <b>Department of Nuclear Safety &amp; Security, IAEA</b> <i>Safety and Security Infrastructure Development for Newcomers: Role of the Regulatory Cooperation Forum.</i>	

	12:30 to 13:00	<b>Nicholas Spyrou</b> <b>Emeritus Professor, Department of Physics, University of Surrey, UK</b> <i>Problems and challenges in nuclear activation methods and their application.</i>
	13:00 to 14:00	Lunch Break
Wednesday, December 15, 2010	<b>Session II</b> <b>Chairperson: Salaheddin Malkawi</b>	
	14:00 to 14:20	<b>Milos Tichy</b> <b>State Office for Nuclear Safety (SÚJB), Czech Republic</b> <i>EU support for nuclear regulatory bodies and projects for Jordan Nuclear Regulatory Commission JNRC.</i>
	14:20 to 14:40	<b>Antonio Madonna</b> <b>Director, Independent Technical Evaluation and Review ITER, Italy</b> <i>Challenges and requirements for technical support to nuclear regulatory authority.</i>
	14:40 to 15:00	<b>Ynte Stockmann</b> <b>Scientific Officer, DG-JRC, Institute for Energy, European Commission</b> <i>Nuclear Safety Cooperation of the EU within the Instrument of Nuclear Safety Cooperation.</i>
	15:00 to 15:20	<b>Daw Saad Mosbah</b> <b>Head of Nuclear Energy Department, Arab Atomic Energy Agency AAEA</b> <i>The Arab Atomic Energy Agency Role in Promoting Nuclear Energy in Arab Countries.</i>
	<b>Session III</b> <b>Chairperson: Anwar Habib</b>	
	15:20 to 15:40	<b>Ahmad Cheikh-Ali</b> <b>Institute of Radioprotection and Nuclear Safety, IRSN, France</b> <i>Safety review – The French nuclear licensing process.</i>
	15:40 to 16:00	<b>Hans-Dieter Rauscher</b> <b>Director, Division of Nuclear energy supervision and radiation protection</b> <b>Ministry of the Environment, Nature Conservation and Transport</b> <b>Federal State of Baden-Württemberg, Germany</b> <i>The German licensing process, licensing requirements and requirements for improvement measures and the life time extension of NPPs.</i>
	16:00 to 16:30	Coffee Break
	<b>Session IV</b> <b>Chairperson: Baida Achkar</b>	
	16:30 to 16:50	<b>Mehdi Sohrabi</b> <b>Amirkabir University of Tehcnology, Tehran</b> <b>Former DG, National Radiation Protection Department, Iran</b> <b>Former Regional Manager on RP Infrastructure, IAEA</b> <i>The Role of the International Committee on High Levels of Natural Radiation and Radon Areas to Promote Understanding of the Health Effects of Low Radiation Protection Doses.</i>

	16:50 to 17:10	<b>Muhammad Ammar Mehdi</b> <b>Senior Engineer, School for Nuclear &amp; Radiation Safety</b> <b>Pakistan Nuclear Regulatory Authority, Islamabad, Pakistan</b> <i>Human Resource Development guidelines for countries embarking on Nuclear Power, with a special focus on best practices adopted by PNRA.</i>
	17:10 to 17:30	<b>Edward Kryuchkov</b> <b>Vice Rector, Head of the Nuclear Reactor Physics Department</b> <b>National Research Nuclear University "MEPhI", Russia</b> <i>Modernization of Russian nuclear education system for nuclear power program's human resource development.</i>
	17:30 to 17:50	<b>Adja Djilali</b> <b>University of Algiers and Commissariat à l'Energie Atomique</b> <b>COMENA, Chlef, Algeria</b> <i>The Algerian Nuclear Law: Ambitions and Constraints.</i>
	17:50 to 18:10	<b>Galina Anufrieva</b> <b>ATOMSTROYEXPORT, Russia</b> <i>Evolution and Prospects of VVER-type Reactor Technology.</i>
	20:00	Dinner at a restaurant in Amman (To be announced).
Thursday, December 16, 2010	<b>Thursday, December 16, 2010</b>	
	<b>Session V</b> Chairperson: <i>Majd Hawari</i>	
	08:30 to 09:00	<b>David Bradley</b> <b>Secretary of the International Radiation Physics Society</b> <b>Professor, Department of Physics, University of Surrey, UK</b> <i>NORM and Radiological Survey Results from the Oil and Gas Industry.</i>
	09:00 to 09:30	<b>Falah Abu-Jarad</b> <b>General Manager, Saudi Pioneers for Specialized Services (SPSS)</b> <b>Emeritus Professor, Applied Radiation Physics – KFUPM, Saudi Arabia</b> <i>Radiation-Based Technologies in Oil &amp; Gas Industry.</i>
	09:30 to 10:00	<b>Mohammad Ghoneim</b> <b>Egyptian Atomic Energy Authority EAEA.</b> <i>Assurance of Nuclear Fuel Supply.</i>
	10:00 to 10:30	<b>Ahmad Cheikh-Ali</b> <b>Institute of Radioprotection and Nuclear Safety, IRSN, France</b> <i>The European Nuclear Training &amp; Tutoring Institute (ENSTTI).</i>
	10:30 to 11:00	Coffee Break
	<b>Session VI</b> Chairperson: <i>Shada Wadi-Ramahi</i>	
	11:00 to 11:20	<b>Magdalena Speicher</b> <b>The Materials Testing Institute, The University of Stuttgart, Germany</b> <i>Properties of Ni-based Alloy 617 for power plant applications.</i>
	11:20 to 11:40	<b>Yury A. Kazansky</b> <b>Institute for Physics and Power Engineering, Obninsk State Technical</b> <b>University for Nuclear Power Engineering (INPE), Obninsk, Russia</b> <i>Design Concept of Self-Contained Low Power Reactor MASTER for Heat Supply and Water Desalination.</i>

	11:40 to 12:00	<b>Mohammad Awadallah</b> <b>General Manager, Quality Control Services Co. Ltd.</b> <b>Non Destructive Testing, Al-Khobar, Saudi Arabia</b> <i>NDT in Nuclear Plants.</i>
Thursday, December 16, 2010	<b>Session VII</b> <b>Chairperson: Mehdi Sohrabi</b>	
	12:00 to 12:20	<b>Husam Badran</b> <b>Damascus University, Damascus, Syria</b> <i>Photoneutron Distribution from High Energy Linear Accelerators used in Radiotherapy.</i>
	12:20 to 12:40	<b>Mahmoud Ibrahim Abbas</b> <b>Physics department, Alexandria University, Alexandria, Egypt.</b> <b>Physics department, Beirut Arab University, Beirut, Lebanon.</b> <i>Direct Analytical Method to Calculate the Efficiency of Borehole Scintillation Detectors.</i>
	12:40 to 13:00	<b>Ward Al Baghajati</b> <b>The Atomic Energy Commission of Syria AECS, Damascus, Syria</b> <i>Shielding Calculation for Pressurized Water Reactor (PWR).</i>
	13:00 to 14:00	Lunch Break
	<b>Session VIII</b> <b>Chairperson: Daw Mosbah</b>	
	14:00 to 14:20	<b>Mohammad Al-Hwaiti</b> <b>Al-Hussein Bin Talal University, Ma'an, Jordan</b> <i>Uranium distribution in Jordan Phosphorites and its recovery based on sequential extraction methods.</i>
	14:20 to 14:40	<b>Carsten Speicher</b> <b>Division of Nuclear energy supervision and radiation protection</b> <b>Ministry of the Environment, Nature Conservation and Transport</b> <b>Federal State of Baden-Württemberg, Germany</b> <i>Reliability and availability through safety – the importance of inspections in NPPs.</i>
	14:40 to 15:00	<b>Hassan Omar</b> <b>The Atomic Energy Commission of Syria AECS, Damascus, Syria</b> <i>Safety Analysis of the Syrian MNSR reactor.</i>
	<b>Session IX</b> <b>Chairperson: Munir Dababneh</b>	
	15:00 to 15:20	<b>Gerald Goldsmith and Bernhard Kreissl</b> <b>WorleyParsons EES</b> <i>Implementation of nuclear programs in newcomer states. Example of Jordan, Egypt and Armenia.</i>
	15:20 to 15:40	<b>Wail Abu-El-Sha'r</b> <b>Arab Consultants Bureau</b> <i>Suggested Framework for the Environmental Impact Assessment (EIA) of the Nuclear Activities (projects) in Jordan.</i>

	15:40 to 16:00	<b>Mohammed Bqoor</b> <b>Jordan Nuclear Regulatory Commission JNRC</b> <i>JNRC Implementing IAEA Safeguards.</i>
	16:00 to 16:30	Coffee Break
	<b>Session X</b> <b>Chairperson: Nidal Ershaidat</b>	
Thursday, December 16, 2010	16:30 to 16:50	<b>Valery A. Levchenko</b> <b>Experimental Scientific Research and Methodology Center</b> <b>"Simulation Systems" (SSL), Obninsk, Kaluga Region, Russia</b> <i>Reactor Facility MARS for clinic.</i>
	16:50 to 17:10	<b>Majd Hawari</b> <b>Deputy Head of Medical Physics Section, Department of Radiation Oncology, King Hussein Cancer Center, Amman, Jordan</b> <i>Radiation Therapy Quality Assurance Program for X-Ray Generating Equipment at King Hussein Cancer Center.</i>
	17:10 to 17:30	<b>Shada Wadi-Ramahi</b> <b>Head of Medical Physics Section, Department of Radiation Oncology King Hussein Cancer Center, Amman, Jordan</b> <i>Dosimetrical Output Stability of Elekta Linear Accelerator with Small Monitor Units (MU).</i>
	17:30 to 17:50	<b>Morad Hamad</b> <b>Jordan Nuclear Regulatory Commission JNRC, Amman, Jordan</b> <i>Bragg-Curve Measurement and Simulation of Heavy-Ion Beams for Hadron Therapy Applications.</i>
	17:50 to 18:10	<b>Kafa Khasawneh</b> <b>Al-Balqa Applied University, Salt, Jordan</b> <i>Alternative Solutions to Neutron Diffusion Problems in Different Geometries.</i>
		<b>Closing Session and Ceremony</b> <ul style="list-style-type: none"> <li>• <b>Open discussion.</b></li> <li>• <b>Conclusions.</b></li> <li>• <b>Recommendations.</b></li> </ul>
	20:00	Dinner at a restaurant in Amman (To be announced).
	<b>Friday, December 17, 2010</b> <b>Excursion to PETRA</b>	