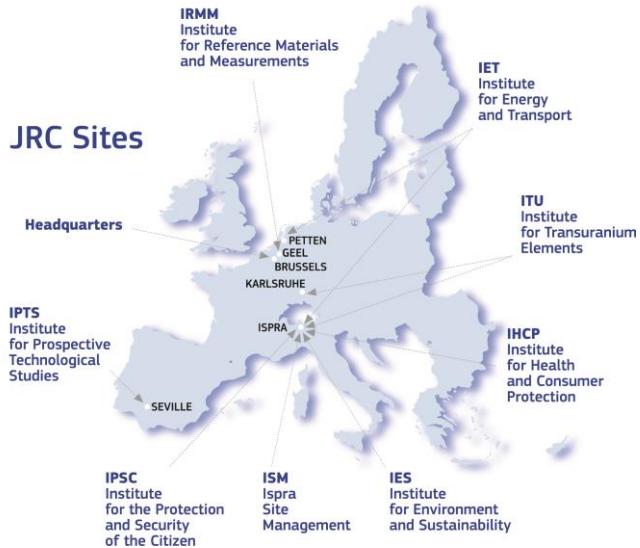




European Commission



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International Summer School 2016 Secretariat

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## 8<sup>th</sup> edition of the International Summer School on Nuclear Decommissioning and Waste Management

**Parallel 1<sup>st</sup> Workshop on Planning R&D  
towards Geological Disposal**

Auditorium, Bldg. 58c  
JRC-Ispra, Italy

**12-16 September 2016**

Organized by:



Supported by:



# 8<sup>th</sup> edition of the International Summer School on Nuclear Decommissioning and Waste Management

## *with Parallel 1<sup>st</sup> Workshop on Planning R&D towards Geological Disposal*

<b>Title</b>	International Summer School on Nuclear Decommissioning and Waste Management.	<b>Target Audience</b>	The school targets university level students and young professionals in nuclear field.	Welcome to the 8th International Summer School on Nuclear Decommissioning and Waste Management at Joint Research Centre, Ispra 12-16 September 2016.
<b>Host</b>	European Commission Joint Research Centre (EC-JRC)	<b>Registration</b>	Until 26 August 2016. The number of participants will be 80 on the basis of "first registered - first served". The participants are required to cover their stay in Ispra and there will be no registration fees.	Nuclear Decommissioning and Waste Management are important parts of the nuclear power plants' life cycle and a crucial factor in public acceptance of nuclear power generation.
<b>Date &amp; Venue</b>	12-16 September 2016, JRC Ispra (Italy), Auditorium Bldg. 58c.	<b>Nature of the</b>	Register in: <a href="https://web.jrc.ec.europa.eu/rem/">https://web.jrc.ec.europa.eu/rem/</a> The school uses a combination of lectures, school working sessions, practical exercises, case studies and group deliberations as part of the exercises to meet its objectives.	At the end of the operational life of the first generation of nuclear power plants, an effective nuclear decommissioning process and management of its waste will prove to be vital.
<b>Organized by</b>	European Commission Joint Research Centre (EC-JRC), International Atomic Energy Agency (IAEA), University of Milan and Italian Radioprotection Association (AIRP).	<b>Content</b>	The school duration is five days covering several topic sessions: <ul style="list-style-type: none"> <li>➤ Legal framework, Regulation and Guidelines</li> <li>➤ Material Characterization and Clearance</li> <li>➤ Radiation Protection</li> <li>➤ Operational ND&amp;WM experience</li> <li>➤ Licensing, Communication and stakeholders engagement in ND&amp;WM</li> <li>➤ Education and Training and R&amp;D in ND&amp;WM</li> <li>➤ Visits of nuclear facilities under decommissioning</li> </ul> Including sessions of the 1st Workshop on Planning of R&D towards Geological Disposal such as: <input type="checkbox"/> R&D Planning <input type="checkbox"/> Implementing the R&D Programme <input type="checkbox"/> Governance <input type="checkbox"/> Case Studies for R&D Programme	A thorough analysis of waste production routes is needed in order to manage waste safely for workers, the public and the environment. This needs also to be applied to research, medical applications and industrial activities such as mining, as well as electrical power generation.  An effective characterisation and management of waste includes appropriate environmental monitoring and the application of sound principles of the waste cycle. This includes policy, regulatory issues, radiation protection, human resources management and aspects of stakeholders' involvement.
<b>Supported by</b>	SOGIN	<b>Language</b>	English.	The 8th edition of the International Summer School on Nuclear Decommissioning and Waste management will elaborate with those aspects mentioned above. It will bring together many international experts in nuclear decommissioning and waste management.
<b>School Objectives</b>	To strengthen education on planning and operating nuclear decommissioning and waste management. The objectives of the school are to: <ol style="list-style-type: none"> <li>1. enhance awareness of nuclear decommissioning and waste management.</li> <li>2. better understand the roles and responsibilities of the various involved parties such as operators and regulators.</li> <li>3. develop an appreciation of related issues such safe operation of a decommissioning process as radiation protection.</li> <li>4. highlight the sequence of activities in nuclear decommissioning and waste management.</li> <li>5. visit nuclear facilities to give insight to practical decommissioning operations.</li> <li>6. promote education in nuclear decommissioning to better face challenges in energy generation.</li> </ol>	<b>Visa</b>	Upon request of participants needed Visa, the JRC will provide invitation letters.	The participants will be able to discuss issues directly with experts and other delegates, and have the opportunity to learn from their international experience.
		<b>Scientific Committee</b>	Abbas Kamel (EC JRC), Bruno Gérard (IAEA), Burgess Pete (Consultant), Cantone Marie-Claire (Universita degli Studi di Milano), Kockerols Pierre (EC JRC), Janssens Willem (EC JRC), Metcalf Phil (BBM Consulting e.U) and Pedersen Bent (EC JRC).	This year, the course is organised around several technical sessions and will feature visit to JRC-ISPRA's laboratories that are involved in decommissioning and nuclear and radioactive waste management.