



European
Commission

Joint Research Centre

The European Commission's
in-house science service

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International Summer School 2017 Secretariat

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Serving society
Stimulating innovation
Supporting legislation

Registration in:
<https://web.jrc.ec.europa.eu/rem/>

Registration deadline:
August 25th

9th edition of the International Summer School on Nuclear Decommissioning and Waste Management

11-15 September 2017

JRC-Ispra (Italy)
Auditorium, Bldg. 58C

Organized by:



in collaboration with:



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As the Commission's in-house science service, the Joint Research Centre's mission is to provide EU policies with independent, evidence-based scientific and technical support throughout the whole policy cycle.

Working in close cooperation with policy Directorates-General, the JRC addresses key societal challenges while stimulating innovation through developing new methods, tools and standards, and sharing its know-how with the Member States, the scientific community and international partners.

9th edition of the International Summer School on Nuclear Decommissioning and Waste Management

Title	International Summer School on Nuclear Decommissioning and Waste Management.	Target Audience	The school targets university level students and young professionals in nuclear field.	Welcome to the 9 th International Summer School: Operational Issues in Radioactive Waste management and Nuclear Decommissioning at Joint Research Centre, Ispra 11-15 September 2017.
Host	European Commission (EC) Joint Research Centre (JRC) Nuclear Safety and Security Directorate Nuclear Security Unit.	Registration	Until 25 August 2017. 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 is an important part of the nuclear power plants' life cycle and a crucial factor in public acceptance of nuclear power generation.
Date & Venue	11–15 September 2017, JRC Ispra (Italy), Auditorium Bldg. 58C.		Register in: https://web.jrc.ec.europa.eu/rem/	At the end of the operational life of the first generation of nuclear power plants, an effective nuclear decommissioning process and management of its radioactive and nuclear waste will prove to be vital.
Organized by	Nuclear Security Unit (JRC Ispra) in collaboration with the International Atomic Energy Agency (IAEA) and Milan University	Nature of the	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.	A thorough analysis of radioactive waste production routes is needed in order to manage waste safely for workers, the public and the environment. This process needs to be applied to research, medical applications and industrial activities such as mining, as well as electrical power generation.
School Objectives	To strengthen education on planning and operating nuclear decommissioning and waste management. The objectives of the school are to: 1. enhance awareness of nuclear decommissioning and waste management. 2. better understand the roles and responsibilities of the various involved parties such as operators and regulators. 3. develop an appreciation of related issues such safe operation of a decommissioning process as radiation protection. 4. highlight the sequence of activities in nuclear decommissioning and waste management. 5. visit nuclear facilities to give insight to practical decommissioning operations. 6. promote education in nuclear decommissioning to better face challenges in energy generation.	Content	The school duration is five days covering several topic sessions: <ul style="list-style-type: none"> ➤ Legal framework, Regulation and Guidelines ➤ Material Characterization and Clearance ➤ Radiation Protection ➤ Operational ND&WM experience ➤ Licensing, Communication and stakeholders engagement in ND&WM ➤ Education and Training and R&D in ND&WM ➤ Visits of nuclear facilities under decommissioning 	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. This is the ninth year that the Summer School has been held and it brings together many international experts in waste management and nuclear decommissioning. The participants will be able to discuss issues directly with experts and other delegates, and have the opportunity to learn from their international experience. This year, the course is organised around several technical sessions and will feature visits to JRC-Ispra laboratories that are involved in decommissioning and nuclear and radioactive waste management.
		Language	English.	
		Visa	Upon request of participants needed Visa, the JRC will provide invitation letters.	
		Scientific Committee	Abbas Kamel (Director of the school, EC JRC), Bruno Gérard (IAEA), Burgess Pete (Consultant), Cantone Marie-Claire (Universita degli Studi di Milano), Kockerols Pierre (EC JRC), Janssens Willem (EC JRC) and Pedersen Bent (EC JRC).	