

Registration Information

The Summer School will be held at the European Commission Joint Research Centre Ispra and limited to a total of 100 delegates (the first 60 are guaranteed access to visit in Session 3).

There is no registration fee.

The address of the JRC is JRC ISPRA, Via Enrico Fermi 2749, I-21027 Ispra (VA) Italy.

All participants will need to register by the **28th June** using the JRC online tool: <https://jrc-meeting-registration.jrc.ec.europa.eu> Please create your own account, fill in your data and choose Ispra, July and Operational Issues in Radioactive Waste Management. Please also indicate your transport and accommodation needs.

JRC will provide the bus service for the arrivals from Malpensa airport on 4 July between 17:00 and 19:00 and for the departures on 8 July after the meeting. Possibly different arrangements will be made after the closure of registration once the travel details of all participants are known. For participants arriving much earlier or much later than the time indicated, if the JRC is unable to provide transportation, public transport is available (public taxi, yellow cabs – don't use unofficial taxis) at a cost of about 50-60 euro.

During the meeting JRC will provide transport from the hotels to the meeting and return.

If needed, the JRC taxi service can collect and return to the railway stations in Sesto Calende, Arona, Stresa and Milan Central Station. Unfortunately, our taxi service does not serve Milano-Bergamo (BGY). Therefore, it is suggested to fly to Malpensa (MXP) or Linate (LIN).

We have made reservations in few hotels close to the JRC site on your behalf; please choose your preferred hotel whilst registering. Please note that during the meeting, the JRC bus will only be provided from/to the hotels indicated in the system. Should you decide to choose a different hotel, you may need to organise the transportation yourself.

Please note that registration after the deadline will not be possible.

Social Dinner 6th July, 8:00 p.m.

The first generation of nuclear power plants are approaching the end of their operational life. To ensure public acceptance of nuclear power as a sustainable technology, it is vital to have an effective nuclear decommissioning process with management of the nuclear waste produced. The development of a safe and secure nuclear programme requires not only a precise legal and regulatory framework but also the sharing of best working practices and experience from the past.

From a technical point of view, it is important to analyse each production route of radioactive waste in order to manage it safely for the workers, public and the environment. These routes include research, medical applications and industrial activities such as mining and processing of radioactive ores, as well as the generation of nuclear energy. This will involve an effective characterization of the waste, appropriate environmental monitoring and the application of sound principles of waste management, including policy, regulatory issues, human resources management and aspects of stakeholders' interest.

This is the third 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 directly with experts, other delegates and have the opportunity to learn from their experience gained within many European countries.

This year, the course will be organized around seven technical sessions and feature detailed presentations on different operational approaches. Additionally, a specific session is planned, enabling hands-on visits to JRC-Ispra radioactive waste management facilities, where participants will be invited to assist in some real measurements.

The sessions will deal with:

- Facility characterization and fuel removal
- Plant decontamination & dismantling techniques, issues and operational solutions
- Stakeholders' involvement in waste management and decommissioning
- Hands-on visit to JRC WM facilities
- Seminar: Final radiological survey
- Operational Decommissioning Experience in Europe
- Radiation Protection issues and practices
- Waste management facilities needed in a decommissioning and waste management programme

Operational Issues in Radioactive Waste Management and Nuclear Decommissioning

An International Summer School | 3rd Edition
Ispra, Italy | 5 – 8 July 2011



UNIVERSITÀ DEGLI STUDI DI MILANO



Chairs

Gérard Bruno

International Atomic Energy Agency IAEA

Marie Claire Cantone

Università degli Studi di Milano

Celso Osimani

EC Joint Research Centre

Committee

Gianfranco Brunetti

EC Joint Research Centre

Eduardo Gallego

Universidad Politecnica de Madrid, Spain

Daniele Giuffrida

EC Joint Research Centre

Rick C. Hallard

Hallard Associates Ltd, UK

Bernard Le Guen

Électricité de France

Phil Metcalf

IRPA Past President

Thierry Schneider

CEPN, France

Wolfgang Weiss

Federal Office for Radiation Protection (BFS)

Secretariat

Phil Cake

Radiation Protection Sector, Joint Research Centre

philip.cake@ec.europa.eu

Contacts

secretariat@RadioactiveWasteManagement.org

JRC-segreteria-radioprotezione@ec.europa.eu

Tuesday, 5th July 2011

8:30 a.m. – 5.30 p.m.

Opening Lecture: Radioactive Waste Programme and Activities in the IAEA

Initial characterization, D&D

Facilities' characterization and inventory, In-Situ decontamination, Cutting methods and dismantling

Stakeholders' Involvement

Stakeholders' involvement, Regulatory issues, Site Redevelopment

Wednesday, 6th July 2011

9.00 a.m. – 5.30 p.m.

Hands-on Visit to JRC WM Facilities

Thursday, 7th July 2011

9.00 a.m. – 5.30 p.m.

Seminar: Final Radiological Survey

Characterisation and release of facilities in decommissioning

Operational Decommissioning Experience in Europe

Operational experience in Spain, Germany, France, the UK and the EEC

Friday, 8th July 2011

9.00 a.m. – 4.00 p.m.

Radiation Protection

Effects of low doses, Operational radiation protection in D&WM, Environmental radiation protection

Waste Management

Materials' decontamination system, waste and materials characterisation systems, waste treatment and conditioning, final waste packaging and waste repositories.

Gianfranco Brunetti

EC-JRC

Marie Claire Cantone

Università degli Studi di Milano, Italy

Mihail Ceclan

Politechnical University, Bucharest

Katie Chandler

NT, UK

Mario Dionisi

I.S.P.R.A.

Rafael Garcia-Bermejo Fernandez

IBERDROLA, Spain

Daniele Giuffrida

EC-JRC

Chris Goddard

BABCOCK INTERNATIONAL NUCLEAR, UK

Rick C. Hallard

HALLARD ASSOCIATES Ltd, UK

Joerg Kaulard

GRS

Michele Laraia

IAEA

Phil Metcalf

IRPA

Celso Osimani

EC-JRC

Angelo Paratore

SOGIN

Silvano Ravera

SOGIN

Piero Risoluti

ENEA

Manuel Rodriguez Silva

ENRESA

Thierry Schneider

CEPN, France

Stephan Woerlen

BRENK, Germany