



## Course Programme

# Summer School on Nuclear Decommissioning and Waste Management

14<sup>th</sup> edition

JRC Ispra  
24-28 June 2024



# Summer School on Nuclear Decommissioning and Waste Management JRC Ispra 24-28 June 2024 – Building 36 Module C

Monday 24 June

08:20 - 09:20 Arrival at the Joint Research Centre - **Europa Science Experience**

## **Session 1: Introduction, Nuclear cycle, Decommissioning and Waste Management**

**Chair: Andrea Piagentini**

09:30 - 09:40 **Welcome and General Intro**

Laurent Jerrige – European Commission Joint Research Centre

09:40 - 09:50 **Introduction to the Decommissioning Summer school**

Andrea Piagentini – European Commission Joint Research Centre

10:00 - 10:20 **Nuclear installations and their lifecycle**

Vladan Stefula – Despe / Vuje

10:20 - 10:50

*Coffee break – ESE*

10:50 - 12:30 **Nuclear Decommissioning and waste Management**

Federica Pancotti – SOGIN S.p.A., Italy

12:30 - 14:00

*Lunch break – Buffet Social Area building 36*

## **Session 2: Characterization, decommissioning plan and Radioactive Waste**

**Chair: Roberto Accorsi**

14:00 - 15:30 **Facility Characterization and Decommissioning Plan**

Simone Gatti – European Commission Joint Research Centre

15:30 - 16:00

*Coffee break – Social Area building 36*

16:00 - 17:00 **RAW management: RAW Classification; RAW Characterization**

Giorgio Sambatakakis– Nucleco, Italy

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### Tuesday 25 June

08:00 - 08:20 Arrival at the Joint Research Centre

#### **Session 3: International Aspects** **Chair: Helena Mrazova and Andrea Piagentini**

08:20 - 09:30 **International context and role of the IAEA to support Member States in nuclear decommissioning**

Helena Mrazova – International Atomic Energy Agency

09:30 - 10:30 **PM's experience in Bohunice NPP decommissioning programme**

Sergi Mila Zaragoza – Westinghouse Spain

10:30 - 11:00 *Coffee break – Social Area building 36*

#### **Experience from On-going European Programmes**

11:00 - 11:40 **Slovakia - Bohunice NPP**

Katarína Zemková – JAVYS, Slovakia

11:40 - 12:20 **Lithuania - Ignalina NPP**

Michail Orlov – IAE, Lithuania

12:20 - 13:00 **Bulgaria - Kozloduy NPP**

Borislav Iliev – SERAW (DPRAO), Bulgaria

13:00 - 14:15 *Lunch break – Buffet Social Area building 36*

#### **Session 4: Radioprotection in decommissioning** **Chair: Giovanni Magrotti**

#### **Radioprotection**

14:15 - 15:00 **Radiation protection and measurements**

Michele Prata – European Commission Joint Research Centre

15:00 - 15:45 **Radiation measurements - small exercises**

Michele Prata – European Commission Joint Research Centre

15:45 - 16:15 *Coffee break – Social Area building 36*

16:15 - 17:30 **Dose assessment of workers in decommissioning plan**

Giorgia Iurlaro – European Commission Joint Research Centre

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Wednesday 26 June

**Session 5: *TRINO NPP Visit***  
***Chair: SOGIN Personnel***

07:30 - 17:00 **Trino NPP visit**



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### Thursday 27 June

08:00 - 08:20 Arrival at the Joint Research Centre

#### **Session 6: Cost Control and EU Framework** **Chair: Gianfranco Brunetti and Andrea Piagentini**

08:30 - 10:00 **Funding and cost Control**

Simon Carrol – Vattenfall, Sweden

10:00 - 11:00 **EU Regulatory Framework in RAW mgmt**

Gianfranco Brunetti – European Commission DG Energy

11:00 - 11:20

*Coffee break – Social Area building 36*

11:20 - 12:30 Classroom Exercise – European Commission Joint Research Centre

ALL

12:30 - 13:30

*Lunch break – Buffet Social Area building 36*

#### **Session 7: JRC Nuclear Facility Visit** **Chair: JRC Personnel**

##### **JRC Nuclear Facility Visit**

13:30 - 16:30 **Visit to ESSOR**

Paolo Timossi and Lorenzo Di Cesare – European Commission Joint Research Centre

##### **Visit to Area 40**

Matteo Mazzuccato and Roberto Accorsi – European Commission Joint Research Centre

##### **JRC Tour by bus**

16:30 - 17:30 *Back to hotel*

17:30 **Departure to Villa Bozzolo**

18:30 - 22:30 **Social event – Villa Bozzolo**

Mrs. Alessandra Bonfiglio and Mrs. Arianna Nirni – European Commission Joint Research Centre

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### Friday 28 June

08:00 - 08:20 Arrival at the Joint Research Centre

#### **Session 8: Stakeholders, Social Aspects and knowledge Management in Nuclear Decommissioning**

**Chair: Gianmarco Bilancia**

#### **08:30 - 10:30 Panel discussion on Stakeholders, Social and Communication aspects of Decommissioning**

Teaser presentations by:

Daniele Marta – SOGIN, Italy

Charlotta Sanders – University of Nevada, Las Vegas

Peter Booth – IDOM, United Kingdom

Franck Wastin – European Commission Joint Research Centre

Moderators: – European Commission, Joint Research Centre

10:30 - 10:50

*Coffee break – Social Area building 36*

#### **10:50 - 12:00 Environmental Remediation**

Peter Booth – IDOM, United Kingdom

12:00 - 13:30

*Lunch break – Buffet Social Area building 36*

#### **Session 9: Knowledge Management and final test**

**Chair: Andrea Piagentini**

#### **13:30 - 15:00 Knowledge Management**

Xavier Jardí Cuerda – IDOM, Spain

#### **15:00 - 15:30 Voluntary test**

#### **15:30 - 16:00 Wrap up, feedback and conclusions**