Course Programme

Summer School on Nuclear Decommissioning and Waste Management

14th edition

JRC Ispra
24-28 June 2024
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
Summer School on Nuclear Decommissioning and Waste Management
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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
Wednesday 26 June

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

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