



Invitation to the Elinder's course **Metrology for Radioactive Waste Characterisation and Clearance**

16-20 September 2019 in Ispra, Italy



European Learning Initiatives
for Nuclear Decommissioning
and Environmental Remediation

Joint
Research
Centre



Hosted by the

Joint Research Centre (JRC)

the science and knowledge service of the European Commission

More info on

<https://ec.europa.eu/jrc/en/training-programme/elinder/courses>

Programme overview

Monday 16.9

- Session 1: Introduction - Basic metrology Rehearsal radiation measurement principles
- Session 2: Measurements methods for plant and waste characterisation, and for clearance

Tuesday 17.9 – Thursday 19.9

- Session 3: implementation of 4 techniques with practical measurements:
 - a. Gamma spectrometry waste
 - b. Passive Neutron counting of waste
 - c. Gamma measurement for clearance
 - d. DA measurements for plant and waste characterisation

Friday 20.9

- Session 4: Validation of methods, inter-comparisons, standards, international networks
- Final session

Visits / Practice

Practical on-the-spot measurement cases for the 4 techniques

Detailed programme will be available on

31 May 2019

Expected audience

Minimum level: technical Master level (i.e. 4-5 years of higher education)

Prerequisite knowledge

- At least one year experience/general knowledge in nuclear decommissioning or waste management
- At least basic knowledge on radiation measurement techniques

Number of participants

10-15 persons

Learning outcomes

- Overall knowledge of waste and material radiological characterisation methods
- Skills in performing measurements with 4 selected techniques

Test / Certificate

A final test will be proposed as optional. A certificate, signed by the course director will be delivered to successful candidates.

Registration fee

The registration fee for the course is € 1400. The fee includes the participation to the course, the accommodation for 5 nights (15 to 20.9.2019) and all internal transports.



How to register?

If you are interested, please fill-in the application form attached to the invitation and mail it.

Contacts

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Location

JRC-Ispira

via Enrico Fermi 2749, Ispra, Italy
<https://goo.gl/maps/26uuW4dYkAG2>

