

NEST BEAST Webinar: Building Basic Knowledge

Date:	3. May 2022 (1/2 Day)
Venue:	MS-Teams
Course Management:	Dr. Andreas Havenith, Dr. Martin Dürr (AiNT)
Leading Organisation:	AiNT, Germany
Participating Organisations:	ENEA, Italy RWTH Aachen, Germany SCK CEN, Belgium CEA, France

Outline

The webinar serves as a kick-off meeting for the NEAST fellows and the organisations participating in the BEAST project. The NEST project „Building competence, Expert knowledge, Applied techniques, Safe decommissioning, Train fellows“ (BEAST) addresses postgraduate students, postdoctoral researchers and young professionals who intend to work in the field of Nuclear Decommissioning and Waste Management. Each participating organisation will give a lecture covering topics on:

1. Radiological characterisation of nuclear facilities and decontamination technologies;
2. Clearance of buildings and radioactive waste;
3. Characterisation of radioactive waste, especially legacy waste.
4. Final disposal of radioactive waste.

The webinar marks the first step in providing training and networking to NEST fellows and will be followed-up by additional training and networking events as an opportunity to further expand the participant's knowledge, competences and network.

Agenda

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| 8:30 – 8:50 | Welcome and Introduction to the NEST project BEAST – Outline of the programme 2022 (Webinar, Summer school, ICOND, Internships)
Dr. Andreas Havenith (AiNT) |
| 8:50 – 9:00 | Q&A on BEAST |
| 9:00 – 9:45 | Nondestructive nuclear measurements for radioactive waste characterization and D&D applications
Dr. Bertrand Perot (CEA) |
| 9:45 – 10:30 | Decommissioning of the BR3 Reactor: The Biological Shield
Dr. Nils Belmans / Wouter Broeckx (SCK CEN) |
| 10:30 – 10:45 | 15 min break |
| 10:45 – 11:30 | Radiological Characterization for Decommissioning of Fission and Fusion Nuclear Facilities
Dr. G. A. Marzo / Dr. G. Gandolfo (ENEA) |
| 11:30 – 12:15 | Final Disposal and Interim Storage of Radioactive Waste in Germany
Prof. Dr. Klaus Fischer-Appelt / Dr. Frank Charlier (RWTH Aachen University) |
| 12:15 – 12:30 | Closing
Dr. Andreas Havenith (AiNT) |