

NERIS Workshop 2022

10th October 2022, 9:00 – 13:00
Estoril, Portugal

Programme

Each presentation is expected to last 15 minutes, a discussion of around 10 minutes will take place at the end of each half sessions, before coffee break and before the end of the Workshop.

The Workshop will be chaired by Deborah Oughton (NMBU) and Antony Bexon (UKHSA).

| | | |
|-------------|---|---------------------------|
| | Introduction | F. Gering (BfS) |
| 9:00-10:45 | Session 1 – Uncertainty quantification, data assimilation, monitoring strategies, and inverse modelling | |
| | Remote detection of alpha and gamma radioactivity by using unmanned aerial vehicles | M. Lutchkov (PTB) |
| | JRODOS and SAFE-AIR decision support systems: a JRC-Ispra experience in preparedness and response to a potential nuclear emergency | G. Magrotti (JRC) |
| | Towards UAV-enabled radiological and meteorological real-time data assimilation | L. Ivan (CNL) |
| | Analysis of possible consequences of severe accident in distant receptors for the planned Polish nuclear power plant | P. Kopka (NCBJ) |
| | Novel simplified methodologies on source term estimation and associated uncertainties from accidental airborne releases | J. Batrzis |
| | Emergency response implication of Tritium in CANDU Severe accidents | L. Lebel (CNL) |
| | Questions / discussion | |
| 10:45-11:05 | Coffee break | |
| 11:05-13:00 | Session 2 – Lessons learned and optimisation of management strategies | |
| | Common challenges and research issues for fostering preparedness and response to health and environment crises and nuclear accident | E. Cardis (ISGlobal) |
| | Non-radiological consequences of Nuclear and Combined emergencies | L. Lebel (CNL) |
| | The importance of open data on background radiation in wartime in Ukraine (to be confirmed) | P. Tkachenko (SaveDnipro) |
| | Current status of biological and radiation safety research in the New Safe Confinement of Chernobyl NPP | O. Pareniuk (NUBiP) |
| | Nuclear and radiological emergency preparedness in Spain: Medical Management and dosimetry capacities | E. Gallego (UPM) |
| | Overview of off-site waste management after the Fukushima NPP accident | E. Lafranque (CEPN) |
| | Protection against ingestion of contaminated foodstuffs in a post-accidental situation | J-M. Bertho (ASN) |
| | Questions / discussion | |
| | Closing words | F. Gering (BfS) |