

NERIS Workshop 2024
Monday 11th November 2024, Rome, Italy
Aurelia Congress Center, VEGA Room

PROGRAMME (AS OF 4 NOVEMBER 2024)

- 12:30 – 12:45 **Opening words**
Olivier Isnard (IRSN) as president of the NERIS platform
- 12:45 – 14:15 **Resilience to nuclear or radiological events in armed conflicts**
- Updates on the PIANOFORTE - RRADEW project, Pascal Croûail (CEPN)
 - Factors contributing to nuclear emergency risks during wartime, Olena Pareniuk (ISP NPP)
 - Resilience to radiation emergencies in war or armed conflict situations, Catrinel Turcanu (SCK CEN)
 - Radiation Protection in Military Conflicts: Lessons from Ukraine, Katarzyna Siegien (DSA)
 - Developing national stockpiles for radiation emergencies, Zhanat Kenbayeva (WHO)
 - Q&A
- 14:15 – 14:30 **Break**
- 14:30 – 16:00 **Citizen measurements monitoring strategies in threats due to armed conflict or natural disasters**
- Updates on the PIANOFORTE - CITISTRA project, Jan Helebrant / Marie Davidkova (SURO)
 - Importance of citizen science in time of peace and ethical limits of citizen measurement in wartime, Jean-Marc Bertho (IRSN)
 - Characterization of using a portable OSL/IRSL reader for in situ dose assessments of NaCl pellets for dosimetry in wartime, Maria Karampiperi (Lund University)
 - Q&A
- 16:00 – 16:30 **Coffee Break**
- 16:30 – 18:00 **Modelling and protective action strategies in case of nuclear detonations**
- Overview of the PREDICT project, Clemens Woda (BfS)
 - Status and method of work for determining fallout radionuclides of importance to radiation doses, Anna Maria Blixt Buhr (SSM)
 - On stabilized cloud dimensions and aerodynamic features of fallout particles from a nuclear blast, Kasper Andersson (DTU)
 - Preliminary progress with the improvement of atmospheric dispersion and radiological dose assessment models applied to nuclear detonation scenarios, Peter Bedwell (UKHSA)
 - Performance tests of models for assessing consequences from nuclear detonations: objectives and challenges, Wolfgang Raskob (KIT – consultant)
 - Model comparison and validation using data of the 1950s nuclear weapon tests, Sarah Millington (UKMO)
 - Updates on ICRP Task Group 120 Radiological Protection for Radiation Emergencies and Malicious Events, Anne Nisbet (ICRP)
 - Q&A