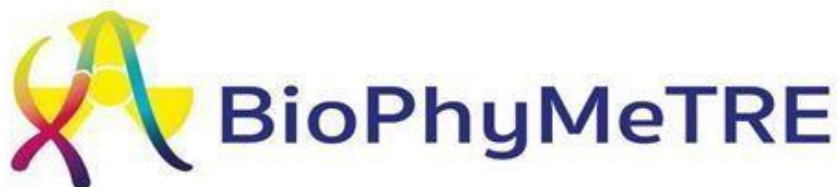


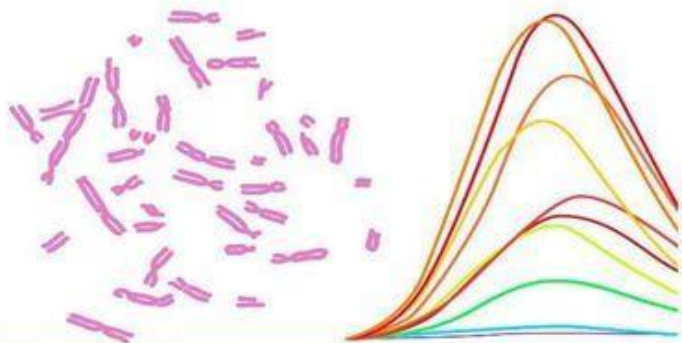
Workshop finale del progetto SPS NATO BioPhyMeTRE

1 Dicembre 2023 (h 8.30-16.00)

ENEA - Sede legale, via Giulio Romano 41, Roma



Novel biological and physical methods for triage in radiological and nuclear (R/N) emergencies



Coordinator

<https://www.biophymetre.eu/>

The ENEA logo consists of the word 'ENEA' in a large, bold, blue sans-serif font.

Italian National Agency for New Technologies,
Energy and Sustainable Economic Development

Italy

Partners

IRSE

Institute of
Radiation Safety
and Ecology



Kazakhstan



Italy



Ruđer
Bošković
Institute

Croatia



*This project
is supported by:*

The NATO Science for Peace
and Security Programme

Programme

08:30 - 09:00 Registration

09:00 - 09:15 Welcome

09:15 - 09:45 "The SPS NATO BioPhyMeTRE Project: which contribution can it provide in case of large-scale radiological and nuclear emergencies?" **A. Testa (ENEA, Italy)**

09:45 - 10:15 "Use of low-cost personal objects for a rapid radiation triage with a portable OSL system" **E. Bortolin (ISS, Italy)**

10:15 - 10:45 "The importance of the development of biological dosimetry in Kazakhstan and Central Asia for preparedness and response to radiation/nuclear emergencies" **L. Kenzhina (IRSE, Republic of Kazakhstan)**

10:45 – 11:15 Coffee break

Results Session

Chair: **Paola Fattibene (ISS, Italy)**

11:15 - 11:45 “Novel biological dosimetry method: possible application to R/N emergency triage”

C. Patrono (ENEA, Italy)

11:45 - 12:15 “Advantages and pitfalls of using the OSL response of house salt for retrospective dosimetry” **N. Maltar Strmečki (RBI, Croatia)**

12:15 - 12:45 “OSL study of dietary supplements for their use in emergency dosimetry” **S. Della Monaca (ISS, Italy)**

12:45 – 13:45 Lunch

Experiences within NATO SPS Programme and Conclusions

- “The DEXTER NATO SPS Project: Detection of Explosives and Firearms to Counter Terrorism”
L. De Dominicis (ENEA, Italy)

- “DEPot NATO SPS Project: A New Dosimetric Emergency Protocol based on Natural Quartz”
M. Fasoli (University of Milano Bicocca, Italy)

14:15 - 14:45 “Implementation and improvement of the new combined Biodosimetry protocol within the framework of the NATO Project BioPhyMeTRE” **D. Biyakhmetova (IRSE, Republic of Kazakhstan)**

14:45 - 15:15 Conclusions. **A. Testa (ENEA, Italy)**

Organising Committee

Valentina Palma (ENEA)
Clarice Patrono (ENEA)
Antonella Testa (ENEA)
Emanuela Bortolin (ISS)

Organising Secretariat

Eventi ENEA