EURADOS

European Radiation Dosimetry Group
History of EURADOS

• Founded in 1981 by scientists involved in contracts with the EC

• Aim: To promote European research, development and cooperation in dosimetry

• Financial support from EC
  • General support in the first years
  • Later (only) dedicated support for projects

• In 2008 registered in Germany as “e.V.” (registered society)

• Since 2008: self-sustained network with regular income
• EURADOS General Assembly
  80 Voting Members (institutions)
  represented by designated individuals

• EURADOS Board of Officers
  Chair: F. Vanhavere (SCK CEN, Belgium)
  Vice-Chair: P. Olko (IFJ, Poland)
  Secretary: JF. Bottollier (IRSN, France)
  Treasurer: O. Hupe (PTB, Germany)

• EURADOS Council
  J.F. Bottollier, E. Fantuzzi, P. Fattibene,
  I. Clairand, W. Rühm, O. Hupe, V. Olovcova,
  R. Harrison, R. Tanner, M. Silari
Associate Members
Almost 600 active scientists contributing to the overall EURADOS objectives

Eight EURADOS Working Groups
- Harmonization of Individual Monitoring (P. Gilvin, U.K.)
- Environmental Dosimetry (A. Vargas, Spain)
- Computational Dosimetry (H. Rabus, Germany)
- Internal Dosimetry (B. Bruestedt, Germany)
- Radiation Dosimetry in Radiotherapy (L. Stolarcyk, UK)
- Retrospective Dosimetry (L. Ainsbury, U.K.)
- High-Energy Dosimetry (M. Caresano, Italy)
- Dosimetry in Medical Imaging (Z. Knezevic, Croatia)
Activities of EURADOS

- Activities:
  - coordination of working groups
    - which promote technical development and its implementation in routine work
    - which contribute to harmonization within Europe
    - which perform scientific research
  - organization of intercomparisons and benchmark studies
  - organization of scientific meetings and conferences, training activities, winter schools
  - organization of webinars
  - organization of Annual Meeting (>300 participants)
  - newsletter

- Financial resources:
  - from sponsoring institutions
  - from levies raised for activities organized by EURADOS (annual meetings, training courses and intercomparison exercises)
  - from projects funded by the European Communities.
EURADOS Strategic Research Agenda

• Document that describes the research needs linked to dosimetry for the years to come
  › Organised in 5 visions, each with different challenges, each with different research lines
• Set-up by EURADOS members and working groups

• Used to direct research of EURADOS working groups
• Used as input for joint roadmap of European research
• Used for the SRA for medical applications of ionising radiation through participation in the Rocc-n-Roll Project
• Priority setting by voting of the members

• A new version of EURADOS SRA has been published in 2020 as a EURADOS Report and in the Radiation Protection Dosimetry journal:

IAEA - EURADOS common interests

• IAEA is Voting Member of EURADOS
• IAEA also active in some EURADOS working groups
• Intercomparisons:
  • Participation in EURADOS intercomparisons
• Common training courses
• Experts for training courses, IAEA missions, ORPAS missions, IAEA tecdocs, etc…
• Joint webinars
• Participation in IAEA projects (e.g. new operational quantities)
• Advertisements of activities and webinars
• Use of EURADOS reports

• Look at ORPNET news items: many EURADOS links….

We want to continue the good and fruitfull collaboration

www.eurados.org (very soon new website!)
EURADOS