



MELODI Workshop on Radiation Effects in the Central Nervous System

18th and 19th February 2025, Rome, Italy

Announcement

The MELODI Workshop on “Radiation Effects in the Central Nervous System” will be held on 18-19 February at Hotel Basilica (<https://basilicahotel.it/>) in Rome, Italy.



The workshop will span two days of presentations and discussions on advancements in radiation effects on the central nervous system (CNS), with the ultimate objective of creating review articles.

The workshop may cover the following topics:

- Impact of Diagnostic Radiation Exposure on the CNS,
- Radiation-Induced Effects in the CNS: examining both cancer and non-cancer outcomes,
- Neurodevelopmental Consequences of In Utero Radiation Exposure,
- Cognitive/Psychological Effects of Radiation,
- Advances and Challenges in Emerging Radiation Therapies (hadrontherapy, FLASH therapy, and managing out-of-field effects),
- Emerging Challenges in Radiation Therapy for Non-Cancerous Conditions
- Space Radiation and Its Effects on the CNS



The workshop is sponsored by the Multidisciplinary European Low Dose Initiative (MELODI) with the aim of providing valuable insights and recommendations for prioritizing radiation protection research.

Organising Committee: Francesca Antonelli, Siamak Haghdoost, Nobuyuki Hamada, Penny Jeggo, Katalin Lumniczky, Balázs Madas, Simone Mörtl, Simonetta Pazzaglia, Andrzej Wojcik

Local hosts: Francesca Antonelli and Simonetta Pazzaglia, ENEA, Italy

MELODI delegates interested in presenting their work are encouraged to submit an abstract, although it is not mandatory for participation. Abstracts should be sent to francesca.antonelli@enea.it before **15th of December 2024** (deadline extended).

The MELODI Association will cover the food and accommodation expenses (nights of February 17th and 18th) for up to 40 MELODI delegates, one for each affiliated MELODI Institution. Remote attendance will be offered as well.

Individuals who are NOT MELODI delegates are welcome to attend the Workshop, subject to registration and payment of a registration fee to MELODI.

- **In-Person Attendance:** €170 (including 2 lunches, 3 coffee breaks and workshop attendance).



All participants, regardless of attendance mode, must complete the registration process to secure their spot.

We kindly request that you inform us of your participation by **15th of December 2024**. For any inquiries or further information, please feel free to contact francesca.antonelli@enea.it.

We look forward to your positive response and are eager to welcome you to this workshop. We hope that its outcomes will help establish priorities in radiation protection research.

Abstract instructions:

- All abstracts must be submitted in English.
- The abstract should not exceed one single page, and it should contain a title followed by the full names of the authors and their affiliations (see the attached Abstract template).
- The name of the author presenting the contribution must be underlined. Rename the file as Surname_Name.docx or doc.

Abstract template

TITLE

Authors

Affiliations

Fortis nexuses inter medicinam et philosophiam iam ab civilitate Graeca praesens est. 'Philosophia medicinae' est studium variarum rerum ad scientiam medicam pertinentium, sed philosophia medicinae definiri potest tamquam philosophia quae totius hominis quaestionem tractat, id est personae humanae, radices suas in anthropologia immergens. Quaelibet medica disquisitio non potest non considerare cogitationem philosophicam, biomedicam et institutiones salutis publicae. Philosophicum suae cogitationi praebere directionem credo adiuvere atque sustinere eos qui cotidie coram humano dolore et morte sunt.