

ERPW 2022

9 - 14 October
Estoril, Portugal



ERPW 2022

European Radiation Protection Week 2022

<http://erpw2022-portugal.eu/>



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ORGANIZING INSTITUTIONS



DATES TO RETAIN

- 1st March 2022 Call for abstracts
- 30th April 2022 Deadline for abstract submission
- 15th June 2022 Notification of the authors
- 31st July 2022 Deadline for early registration
- 31st August 2022 Final programme

SCIENTIFIC COMMITTEE

- Pedro Vaz (IST, Portugal, Chairperson)
- Liz Ainsbury (PHE, UK, RENEB)
- Pedro Almeida (FCUL, IBEB, Portugal)
- Klaus Bacher (U. Gent, Belgium, EURAMED)
- Christophe Badie (PHE, UK, MELODI)
- Ana Belchior (IST, Portugal)
- Marc Benderitter (IRSN, France, EURAMED)
- Jorge Borbinha (IST, Portugal)
- Filomena Botelho (Fac. Medicina, U. Coimbra, Portugal)
- Bastian Breustedt (KIT, Germany, EURADOS)
- Johan Camps (SCK•CEN, Belgium, NERIS)
- Zhanat Carr (WHO)
- Chris Clement (ICRP)
- Susana Constantino (Fac. Medicina, U. Lisboa, Portugal)
- José Corisco (IST, Portugal, ALLIANCE)
- Emile Van Deventer (WHO)
- António Falcão (IST, Portugal)
- Umberto Galderisi (U. Campania, Italy, MELODI)
- Eduardo Medina Gironzini (LAPRAM)
- Octávia Monteiro Gil (IST, Portugal)
- Nathalie Impens (SCK•CEN, Belgium, MELODI)
- Olivier Isnard (IRSN, France, NERIS)
- André Jouve (European Commission)
- Ulrika Kulka (BfS, Germany, RENEB)
- Ted Lazo (OECD/NEA)
- Liudmila Liutsko (IS Global, Spain, SHARE)
- Maria Lopes (CIEMAT, Spain, EURADOS)
- Joana Lourenço (D. Biologia & CESAM, U Aveiro, Portugal)
- Salvatore di Maria (IST, Portugal)
- João Oliveira Martins (APA, Portugal)
- Luís Neves (SPPCR, U. Coimbra, Portugal)
- Pedro Nogueira (Thünen Institute, Germany, ALLIANCE)
- Paulo Nunes (APA, Portugal, NERIS)
- Ursula Oestreicher (BfS, Germany, RENEB)
- Deborah Oughton (NMBU, Norway, NERIS)
- Isabel Paiva (IST, Portugal)
- Graciano Paulo (ESTeSC-IPC, Portugal)
- Ruth Pereira (Fac. Ciências/GreenPorto, U. Porto, Portugal)
- Maria Perez (WHO)
- Ivica Prlić (IMROH, Croatia, ALLIANCE)
- Hans Rabus (PTB, Germany, EURADOS)
- Wolfgang Raskob (KIT, Germany, NERIS)
- Madan Rehani (MGH, USA)
- Mário Reis (IST, Portugal)
- Yuriy Romanets (IST, Portugal)
- Ana Cravo Sá (IST, Portugal)
- Joana Santos (ESTeSC-IPC, Portugal)
- Pedro Teles (U. Porto, Portugal)
- Eliseo Vaño (UCM, Spain)
- Jenia Vassileva (IAEA)
- José Venâncio (IPOLFG, Portugal)
- Lina Vieira (ESTeSL, Portugal, SHARE)
- Andrzej Wojcik (Stockholm University, Sweden, MELODI)

REGISTRATION FEES

	EARLY (before 15 July)	LATE (after 15 July)
REGULAR	375€	450€
STUDENT	200€	250€

The active participation of Early Career Researchers is sought and encouraged

!! We look forward to welcoming you in PORTUGAL !!

Conference Secretariat

secretariat@erpw2022-portugal.eu

CONFERENCE TOPICS

Effects of spatial and temporal variation in dose delivery
Modelling of the biokinetic behaviour and risk for internal emitters
Improving environmental and health monitoring, particularly by lay people
Justification and optimization in medical exposures
Reasonableness in optimisation of protection
Balancing tissue reactions and stochastic risks
Benefit and risk associated with multiple medical imaging procedures
Radiation protection approaches based on individual radiosensitivity
Hereditary syndromes and radiation effects
Patient –specific dosimetry in medical imaging
Dosimetry in radionuclide therapy for individualized patient treatment
Cumulative effective dose
Computational dosimetry, application of computational phantoms (new paediatric voxel phantoms, mesh phantoms) for dose assessment
The impact of new dosimetry quantities
Biomarkers of exposure, disease and susceptibility
Risks of non-cancer diseases at low and intermediate dose levels
Improving cancer risk assessment
Radiation oncology (deciphering biological mechanism and predicting the risk, medical management of adverse effects, radiomics)
Adverse outcome pathways of radiation disease/effect
Biological and ecological effects of low dose/ low dose rate exposure on humans and biota
Integration of environmental exposure assessment for ionising radiation and other stressors
Justification and optimization of emergency preparedness, response and recovery
Social sciences and humanities applied to radiological protection (tolerability, reasonableness, ethics, social and economic aspects, risk communication, mental health, stakeholder involvement, safety culture, etc.)
Innovations, new findings and new technologies
Post-accident recovery and lessons learned from the Fukushima accident
Advances in preparedness for emergencies and recovery at national and international level; relation between research and operational needs
Naturally-Occurring Radioactive Materials (NORM)
Radon
Radionuclides in food/drinking-water and human food chain modelling
Aquatic and atmospheric transport processes
Cosmic radiation
Optimization of radiation protection in radioactive waste disposal
Education and Training in Radiological Protection
Newly funded research projects
Collaboration between European research platforms (MEENAS)
Partnership for European research in radiation protection (PIANOFORTE session)
“Post-COVID” condition and the role of the immune system: the potential of immunomodulatory action of low dose radiotherapies on combating different infective and chronic immune disorders