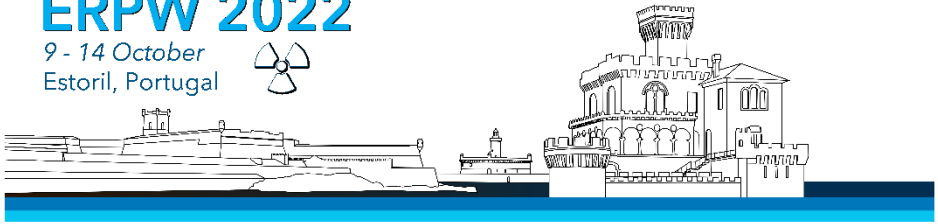


European Radiation Protection Week 2022

ERPW 2022

9 - 14 October
Estoril, Portugal



Conference Programme



European Radiation Protection Week 2022 (ERPW 2022) - FORMAT

Sunday (09/10)		Monday (10/10)		Tuesday (11/10)		Wednesday (12/10)		Thursday (13/10)		Friday (14/10)	
	08:30-09:15	Registration NERIS Workshop MELODI GA RENEB GA TOURR Workshop		Tutorials & Morning lectures		Tutorials & Morning lectures		Tutorials & Morning lectures		PIANOFORTE (restricted) Meeting	
a.m.	09:15-10:55			Opening Plenary Welcome The future of the system of RP (views from ICRP, EC, IAEA, WHO)		Plenary (MEENAS, PIANOFORTE, SNETP)		Plenary (Big projects / platforms / E&T)			
	10:55-11:15			Coffee Break		Coffee Break		Coffee Break			
	11:15-12:55			Session A		Session D (special)		POSTERS Session			
	12:55-13:30	Lunch		Lunch		Lunch		Lunch			
	13:30-14:15	ICRP Workshop		Special session on Ukraine		EURAMED rock-roll Workshop		Session A			
	14:15-15:55	Registration		Session B		POSTERS Session		Session D			
13:00-18:00	15:55-16:15	Coffee Break		Coffee Break		Coffee Break		Coffee Break			
	16:15-17:55	ICRP Workshop (cont'd)		Session C		Long-COVID debate		Social Programme		Closing Plenary Awards	
	18:00-20:00	Welcome drink		ALLIANCE GA EURAMED GA		Sunset get together by the beach					
	20:00-21:00										

Session's "nomenclature"

- A Radiation effects on humans
- B Dosimetry and occupational exposure
- C Radioecology: effects, monitoring and risk assessment
- D Medical applications of ionising radiation
- E Emergency preparedness, response and recovery
- F Social sciences and humanities in radiation protection
- G Big projects / platforms / E&T

Conference Programme

Sunday October, 09



Time	Content		
13:00 – 18:00	EURADOS WG10+WG7 Workshop	ICRP Meeting (restricted)	Registration
	Coffee Break		
	EURADOS WG10+WG7 Workshop (cont'd)	ICRP Meeting (restricted, cont'd)	Registration

Conference Programme

Monday October, 10

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Time	Content				
8:30 – 12:55	NERIS Workshop	MELODI GA	RENEB GA	TOUR Workshop	Registration
	Session Chairs:				
	N1.1 – L. Lebel (25 min)				
	N1.2 – P. Kopka (25 min)				
	N1.3 – J. Bertho (25 min)				
	N1.4 – E. Lafranque (25 min)				
	N1.5 – J. Bartzis (25 min)				
	N1.6 – L. Ivan (25 min)				
	N1.7 – P. Trachenko (25 min)				
	N1.8 – E. Gallego (25 min)				
	N1.9 – A. Vargas (25 min)				
N1.10. – G. Magrotti (25 min)					
12:55 – 13:00	Lunch				
13:00 – 15:55	ICRP Workshop				
15:55 – 16:15	Coffee Break				
16:15 – 18:00	ICRP Workshop (cont'd)				
18:00 – 20:00	Welcome Drink				

Conference Programme

Tuesday October, 11



Time	Content	
8:30 – 9:15	Tutorials & Morning Lectures	Tutorials & Morning Lectures
09:15 – 10:55	<p>Opening Plenary Welcome The future of the system of RP (views from ICRP, EC, IAEA, WHO) Session Chair: Pedro Vaz</p>	
10:55 – 11:15	Coffee Break	
11:15 – 12:55 (15 min each)	<p>Radiation effects on humans I Session chairs: <i>Christophe Badie and Simone Mörtel</i></p>	<p>Social sciences and humanities in radiation protection Session chairs: <i>Liudmila Liutsko and Yevgenia Tomkiv</i></p>
	O1.1 – D. Klokov, "The role of various DNA repair pathways in biological responses to low dose gamma radiation", IRSN	O1.1 – C. Turcanu, "Transdisciplinarity in ionising radiation research: potential venues and way forward", SCKCEN (15 min)
	O1.2 – M. López-Riego, "Cellular changes after chronic as compared to acute exposure to different LET ionising radiation", SU	O1.2 – S. Hodgson, "Ethical challenges in the AI and medical radiation protection space", Exeter (15 min)
	O1.3 – R. Anderson, "British nuclear test veteran family trios for the study of genetic risk", Brunel	O1.3 – D. Oughton, "Opportunities and challenges from information technology in Emergency Preparedness", NMBU (15 min)
	O1.4 – S. Barnard, "Radiation induced cataract: individual response of the ocular lens to IR", UKHSA	O1.4 – G. Meskens, "An ethical "capability-possibility" framework for radiation protection research", SCKCEN (15 min)
	O1.5 – N. Fenske, "Radon and other diseases than lung cancer: results from the German U miner cohort study 1946-2018", Bfs	O1.5 – P. Costa, "Patient and public knowledge, awareness, and feelings on ionizing radiation exposure due to medical examinations: a systematic review", ESS (15 min)
	O1.6 – C. Badie, "Epigenetic signature of IR in therapy-related AML patients", UKHSA	O1.6 – F. Rauser, "PIANOFORTE-Partnership for European research in radiation protection and detection of ionising radiation: towards a safer use and improved protection of the environment and human health Work package 3 - Stakeholder engagement", BFS
12:55 – 13:30	Lunch	
13:30 – 14:15	Special session on Ukraine	
14:15 – 15:55 (15 min each)	<p>Dosimetry and occupational exposure Session chairs: <i>Maria Antónia Lopez</i></p>	<p>Medical applications of ionising radiation I Session chairs: <i>Graciano Paulo and Uta Eberlein</i></p>
	O1.1 – K. Jeongin, "A Phantom Experiment for the Whole Body Exposure by BNCT Using LINAC-Based Neutron Source", KHNP	O1.1 – GF Garcia, "Impact of Flash-Therapy and New Delivery Methods Under Development On the Operational Radiation Protection of Compact Proton Therapy Centers (CPTC)", UPM
	O1.2 – R. Tanner, "State of the art of computational dosimetry practice – conclusions from several EURADOS Intercomparisons?", PTB	O1.2 – A. Martins, "Diagnostic Reference Levels in Nuclear Medicine: How to implement", JCS
	O1.3 – E. Honorio da Silva, "Influence of chronic smoking on the dose due to Rn exposure", IRSN	O1.3 – N. Mahmoodian, "Lung and lung tumor segmentation of CT images during MWA therapy using AI algorithm", OVGU
	O1.4 – N. Hertel, "(alpha, n) neutron emissions from soil: Do they matter in environmental dose computations?", Gatech	O1.4 – V. Sousa, "Establishment of Local Diagnostic Reference Levels for 2-[18F]FDG, [68Ga]Ga-DOTANOC and [68Ga]Ga-PSMA-11 studies", HGO
	O1.5 – Kollaard, "Radiation exposure in nuclear medicine - evaluation of finger doses and influence of new isotopes", NRG	O1.5 – J. Damlakis, "Normalised organ doses for abdominal CT examinations calculated using a patient-specific Monte Carlo method", MED UOC
	O1.6 – F. Peter, "The role of individual characteristics of the subjects in the radiation burden of the bronchial airways", EK-CER	O1.6 – A. Martins, "Clinical audits in Nuclear Medicine", JCS

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15:55 – 16:15	Coffee Break	
16:15 – 17:55 (15 min each)	Radioecology: effects, monitoring and risk assessment <i>Session chairs: Pedro Nogueira and Joana Lourenço</i>	Long-COVID debate <i>Session chair: Nathalie Impens</i>
	O1.1 – S. Frelon, "Toward a consensus Adverse Outcome Pathway (AOP) network for radiation-induced reproductive effects in environmental species", IRSN	Discussion Panel Paul A. Lyons
	O1.2 – G. Luis, "Effects of data aggregation on the indoor radon risk map of Portugal"	Lisa Deloch
	O1.3 – N. Horemans, "Has multiple generations of growing in a nuclear accident contaminated area lasting effects on the sensitivity of plants to radiation?", SCKCEN	C. Hoeschen Franz Roedel
	O1.4 – J. Popic, "Characterisation of exposure at NORM involving sites based on a new methodology to collect info and first dose assessment simulations", DSA	Laura Torres Royo Lina Vieira
	O1.5 – T. Arnold, "Identification of geochemical and biological processes controlling NOR mobility to devire more robust solid/liquid coefficients", HZDR	Katalin Lumniczky
	O1.6 – V. Chapon, "Identifying biological and chemical parameters controlling the transfer of NoR to plants to derive more robust transfer factors", CEA	
18:00 – 20:00	ALLIANCE GA	EURAMED GA

Conference Programme

Wednesday October, 12

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Time	Content	
8:30 – 9:15	Tutorials & Morning Lectures	Tutorials & Morning Lectures
09:15 – 10:55 (15 min each)	Plenary - MEENAS, PIANOFORTE, SNETP <i>Session Chairs: Hildegard Vandenholte and Jean Christophe Gariel</i>	
	P1.1 – H. Vandenholte, "European research & innovation in radiation protection integrated within EURATOM and beyond: the way forward with MEENAS"; SCKCEN	
	P1.2 – J. Gariel, "PIANOFORTE: A European partnership for radiation protection research"; IRSN	
	P1.3 – A. Mazouzi & C. Boudet, "Challenges of the European nuclear sector: SNETP vision"	
10:55 – 11:15	Coffee Break	
11:15 – 12:55	Medical applications of ionising radiation II <i>Session chairs: Guy Frija and Christoph Hoeschen</i>	Emergency preparedness, response and recovery <i>Session chairs: Deborah Oughton and Kasper Andersson</i>
	O2.1 – B. Brkjačić, "European co-ordinated action on improving justification of computed tomography", Zagreb/HR (15 min + 5 discussion)	O1.1 – C. Mogg, "Building a Framework for Post Nuclear Accident Recovery Preparedness", OECD-NEA (15 min)
	O2.2 – M.P. Revel, "Introducing lung cancer screening in national screening programmes", Paris/FR (15 min + 5 discussion)	O1.2 – M. Isaksson, "Restoring areas after a radioactive fallout: a multidisciplinary study on decontamination", Radfys (15 min)
	O2.3 – B. Krause, "Theranostics", Rostock/DE (tbc) (15 min + 5 discussion)	O1.3 – K. Andersson, "Optimising recovery after a contaminating incident: where are the current technical gaps?", DTU (15 min)
	O2.4 – S. Combs, "Clinical Hadrontherapy - radiation protection aspects", Munich/DE (tbc) (15 min + 5 discussion)	O1.4 – J. Bottollier, "Open radiation: a collaborative project for radioactivity measurements in the environment by the public", IRSN (15 min)
	O2.5 – P. Gilligan, "Hot topic of medical physics: Gonadal shielding", Dublin/IE (15 min + 5 discussion)	O1.5 – W. Raskob, "Comparison of decision-making results when using different meteorological ensembles in the decision support system JRODOS", KIT (15 min)
12:55 – 13:30	Lunch	
13:30 – 14:15	Lunch	(EURAMED rocc-n-rail Workshop running in parallel)
14:15 – 15:55	POSTERS Session 1	
16:00 – 18:00	Social Programme	
18:00 – 21:00	Sunset get together by the beach	

Conference Programme

Thursday October, 13



Time	Content	
8:30 – 9:15	Tutorials & Morning Lectures	Tutorials & Morning Lectures
09:15 – 10:55 (15 min each)	Plenary - Big projects / platforms / E&T <i>Session Chairs: Andrzej Wojcik and Nathalie Impens</i>	
	P2.1 – E. Cardis, "Results and Recommendations of the Medirad project (Implications of Medical Low Dose Radiation Exposure)", Isglobal	
	P2.2 – C. Hoeschen, "EURAMED rocc-n-roll: From a European strategic research agenda towards a corresponding roadmap for medical applications of ionizing radiation", OVGU	
	P2.3 – Y. Tomkiv, "European Platform for Social Sciences and Humanities in Ionising Radiation Research (SHARE)", NMBU	
	P2.4 – J. Dolo, "Infrastructures for radiation protection research: Zoom on Exposure Platforms, the landscape in Europe, strengths, weaknesses and possible ways to build the future network", CEA	
	P2.5 – M. Gomolka, "International expert group collaboration for developing an adverse outcome pathway to radiation induced leukaemia", BFS	
	P2.6 – W. John, "RadoNorm – Towards effective radiation protection based on improved scientific evidence and social considerations – focus on radon and NORM", BFS	
10:55 – 11:15	Coffee Break	
11:15 – 12:55	POSTERS Session 2	
12:55 – 14:15	Lunch	
14:15 – 15:55 (15 min each)	Radiation effects on humans II <i>Session chairs: Stephen Barnard</i>	Medical applications of ionising radiation III <i>Session chairs: Boris Brkijacic and Erato Stylianou Markidou</i>
	O2.1 – D. Laurier, "Effects of radiation exposure on offspring and next generations: summary of the workshop jointly organised by ICRP, MELODI and ALLIANCE", IRSN	O3.1 – A. Cravo Sá, "Monte Carlo study of out-of-field organ doses in stereotactic body radiation therapy of pancreatic patients", CTN
	O2.2 – D. Laurier, "Effects of ionising radiation on diseases of the circulatory system and their consideration in the system of radiological protection", IRSN	O3.2 – B. Oliveira, "Development of a toolkit software for radiobiological calculations alphabetaCalc"
	O2.3 – M. Gomolka, "Gene expression alterations of the immune system decades after radiatin exposure - Is there a relation to persisting chromosomal damage?", Bfs	O3.3 – M. De Saint-Hubert, "HARMONIC out-of-field dosimetry: comparing photon and proton radiotherapy for paediatric brain cancer treatment, including imaging", SCKCEN
	O2.4 – R. Benotmane, "Radiation exposure during brain development and persistent effects", SCKCEN (15 min)	O3.4 – C. Pinto, "Evaluation of gold nanoparticles as radiosensitisers in glioblastoma tumors", CTN
	O2.5 – T. Kinugawa, "Mathematical analysis of radiation-induced life-shortening caused by cancer - - focusing on the difference among cancer types", Osaka University	O3.5 – R. Anderson, "Dose estimation after a mixed field exposure: Ra-223 intensity modulated radiotherapy", Brunel
	O2.6 – I. Thierry-Chef, "The Harmonic project on the health effects of cArdiac fluoRoscopy and MOderN radiotherapy in paediatricS: Implementation, Challenges and Status", IsGlobal	O3.6 – C. Kaiser, "Adverse Outcome Pathways and biologically-based risk modelling of cardiovascular disease for breast cancer patients after radiotherapy", Helmholtz
15:55 – 16:15	Coffee Break	
16:15 – 17:55	Closing Plenary Awards	

Conference Programme
Friday October, 14



Time	Content
8:30 – 12:55	PIANOFORTE restricted meeting

Conference Programme

NERIS Workhop



Time	Programme
8:30 – 12:55 (25 min each)	N1.1. – L. Lebel " <i>Emergency response implication of Tritium in CANDU Severe accidents</i> "
	N1.2. – P. Kopka " <i>Analysis of possible consequences of severe accident in distant receptors for the planned Polish nuclear power plant</i> "
	N1.3. – J. Bertho " <i>Protection against ingestion of contaminated foodstuffs in a post-accidental situation</i> "
	N1.4. – E. Lafranque " <i>Overview of off-site waste management after the Fukushima NPP accident</i> "
	N1.5. – J. Bartzis " <i>Novel simplified methodologies on source term estimation and associated uncertainties from accidental airborne releases</i> "
	N1.6. – L. Ivan " <i>Towards UAV-enabled radiological and meteorological real-time data assimilation</i> "
	N1.7. – P. Trachenko " <i>The importance of open data on background radiation in wartime in Ukraine</i> "
	N1.8. – E. Gallego " <i>Nuclear and radiological emergency preparedness in Spain: Medical Management and dosimetry capacities</i> "
	N1.9. – A. Vargas " <i>Remote detection of alpha and gamma radioactivity by using unmanned aerial vehicles</i> "
	N1.10. – G. Magrotti " <i>JRODOS and SAFE-AIR decision support systems: a JRC-Ispra experience in preparedness and response to a potential nuclear emergency</i> "

Conference Programme
EURAMED Session

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EURAMED

European Alliance for Medical
Radiation Protection Research

ERPW2022

Invited EURAMED session

12 October 2022, 11:15-12:55 (100 min.)

Estoril Congress Centre, Estoril, Portugal

Hot topics in clinical medicine using ionising radiation

organised by EURAMED rocc'n'roll Project

Chairs: Guy Frija, FR; Christoph Hoeschen, DE

Programme

11:15-11:35	European co-ordinated action on improving justification of computed tomography	B. Brkljačić, Zagreb/HR
11:35-11:55	Introducing lung cancer screening in national screening programmes	M.P. Revel, Paris/FR
11:55-12:15	Theranostics	B. Krause, Rostock/DE (tbc)
12:15-12:35	Clinical Hadrontherapy - radiation protection aspects	S. Combs, Munich/DE (tbc)
12:35-12:55	Hot topic of medical physics: Gonadal shielding	P. Gilligan, Dublin/IE

Each talk has 15 mins presentation + 5 minutes for discussion

Conference Programme

Poster Session 1

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Radiation effects on humans	Author	Poster Number
Study of potentially renal cancerous effect of U in genetically engineered mouse models: UKCAN project	L. de Castro	P1.1
The radiation biology ontology: a new tool supporting FAIR principles across radiation biology facilitating data discovery and integration	D. Berrios	P1.2
High Throughput Image Analysis Exploring the Morphological Fluctuations of Subcellular Organelles in Leukemia Model Mic against Radiation Exposure	Y. Lee	P1.3
Low doses of chronic Cs 137 contamination effects on atherosclerosis	H. Quelquejey	P1.4
Low doses of chronic 137 Cs contamination impairs olfactory capacity of mice with sexes differences	H. Quelquejey	P1.5
Cellular dose-response relationship in the development of Leukemia against radiation exposure	Y. Choi	P1.6
Ecological correlation between leukemia and external natural gamma radiation	E. Palma-Rojo	P1.7
Comparative studies of intestinal tumorigenesis in the APC min/+ mouse following acute or chronic gamma irradiation	E. Ainsbury	P1.8
Cytogenetic and cellular investigation for the radiosensitivity of Lynch Syndrome relevant Colorectal Tumor Cell Lines	M. Sun	P1.9
Effects of low and moderate doses of IR on a aortic aneurysmal model of Angiotensin II infusion APO E -/- mice	G. Riazi	P1.10
Lifetime risk for lung cancer due to R exposure: a systematic analysis of estimation components	M. Sommer	P1.11
Effects of ionizing radiation on neural progenitor cells in a 3D in vitro model of early human brain development	J. Lee	P1.12
Cytogenetic effects of low dose irradiation in peripheral blood lymphocytes of patients after angiography examination	L. Popova	P1.13
Long-term heart effects in male C57Bl/6 ApoE-/- mice chronically exposed to internal Cesium-137	F. Saliou	P1.14
Pooled analysis of lung cancer and Rn among U miners hired in 1960 or later: the PUMA study	D. Laurier	P1.15

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Poster Session 1

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Datasets of in vitro clonogenic assays showing LD hyper-radiosensitivity and induced radioresistance	S. Polgár	P1.16
Plasma-derived Exosomes from irradiated mice reveal changes in Micro-RNA and proteomic profiles preventing apoptosis	S. Pazzaglia	P1.17
Role of miRNAs in the pathogenesis of atherosclerotic radiation-induced heart diseases	B. Tanno	P1.18
Senescence of mesenchymal stromal cells induced by X-ray exposure promote the release of paracrine factors that may have anti- of pro-tumorigenic activity	N. Alessio	P1.19
Cancer related changes in cells exposed to alpha radiation in combination with nicotine	N. Boroumand	P1.20
Inhomogeneous alpha particle exposure of in vitro reconstituted human bronchial epithelium	J. Boei	P1.21
Ionising radiation induces selective sorting and packaging of miRNAs into extracellular vesicles	I. Csordás	P1.22
Dose rate is relevant for hepatic transcriptional profiles and chromatin accessibility in gamma irradiated mice	H. Dahl	P1.23
Chromosomal radiosensitivity estimation of human peripheral bloodlymphocytes by means of a modified G2 assay	S. Triantopoulou	P1.24
Radiological and chemical exposures and risks of cancer in the Constances cohort (COREXCA)	O. Laurent	P1.25
A comparative study to compensate the effect of age in the analysis of a blood dataset generated in a low dose radiation animal in vivo experiments	I. Garali	P1.26
Multistage model of carcinogenesis taking account of the dose-rate effect of radiation	T. Wada	P1.27
Proteome alterations in HepG2 and A549 cells exposed to metals and NORM	J. Lourenço	P1.28
What are differences in radiation dose, thyroid hormone and IQ levels associations in children exposed in utero by the Chernobyl accident and controls?	L. Liutsko	P1.29
Assessment of radiation sensitivity in BRCA mutations carriers compared to non-carriers from HBOC families	M. Abrantes	P1.30

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Social sciences and humanities in radiation protection	Author	Poster Number
Citizen science approach for galactic cosmic radiation and SEP monitoring at commercial flight altitude: the "Cosmic on air" project	F. Trompier	P2.1
The "Don't Look Up" syndrome: risk perception, dose – response models and mitigation of climate change	R. Vasilache	P2.2
Study factors that influence in the information received by women regarding their breast density	C. Engler	P2.3
38-BRISO_H-1 About risks	H. Briso	P2.4
Using new technologies and innovative method for teaching radiological protection at school in covid-19 confinement conditions	I. Deme	P2.5
Risk perception of radiological exams between patients and healthcare professionals	D. Loyens	P2.6
What do women know about radiology?	B. Barros	P2.7
Stakeholders Engagement in the RadoNorm	N. Zeleznik	P2.8
Radiation protection at ICNAS: organisational perspective in a multi-licensed facility	M. Silva	P2.9
International Horizon-Style Exercise: Advancing the use of AOP in RP	J. Burt	P2.10
Challenges with ethical approvals of social sciences and humanities research- a critical reflection from the RadoNorm research ethics committee	D. Oughton	P2.11
Informing the public about a radiological or nuclearattach: revisiting lessons from Cold War communication plans	Y. Tomkiv	P2.12
X-rays' risk perception in Portugal from late 19th century	A. Melo	P2.13
What can RadoNorm project contribute to addressing societal challenges related to radiation protection?	T. Perko	P2.14
Public opinion surveys for ionising radiation research: critical reflection	T. Perko	P2.15

Dosimetry and occupational exposure	Author	Poster Number
APPLICATION OF A RISK-BASED APPROACH IN IN-VITRO INTERNAL DOSIMETRY	C. Hernandez	P3.1
CIEMAT PARTICIPATION IN THE SEVEN EURADOS INTERCOMPARISONS FOR WHOLE BODY DOSEMETERS IN PHOTON AND BETA FIELDS (2008-2020)	R. Rodríguez	P3.2
CIEMAT PARTICIPATION FOR EXTREMITY DOSIMETRY SYSTEMS IN THE THREE EURADOS INTERCOMPARISONS (2009-2019)	R. Rodríguez	P3.3
AGAMA – software package for airborne gamma-ray spectrometry data post-processing	I. Cespirova	P3.4

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Characterisation of the reproducibility of LiF:Mg, Ti dosimeters and the Radiator system in the quantity Hp(0,07)	G. Nascimento	P3.5
Results of the field experiments aimed to better understanding of uncertainties in citizen monitoring of radiation situation	P. Kuca	P3.6
New portal monitor systems to ensure the safety of the population	E. Cermakova	P3.7
Shielding evaluation of surgical drapes in interventional cardiovascular procedures	F. Torres	P3.8
Use of a mammography chamber in the characterization of radioprotection qualities N15 to N120	L. Pacifico	P3.9
Uncertainty in radiation protection area using gamma spectrometry	M. Almeida	P3.10
Radiation-related chromosomal aberrations observed in high volume endovascular operators performing X-ray guided surgery	MA Abdelhalim	P3.11
EURADOS guidance document for the application of ICRP OIR models	M. A. Lopez	P3.12
A bayesian hierarchical model to account for lung dose uncertainty due to recordings below thresholds while studying the association between slowly soluble U exposure and lung cancer mortality	O. Laurent	P3.13
the type test of OSL system for personal dosimeters according to ISO 62387	Z. Pawlowska	P3.14
Quality Assurance of the revised ICRP dose coefficients to patients from diagnostic radiopharmaceuticals	A. Giussani	P3.15
Experimental investigation of space and time dependent distribution of very low-level scattered X Ray radiation in Interventional radiology - a contribution to machine Deep Learning for Computational Occupational Dosimetry	I. Pric	P3.16
Radiological evaluation of soil samples for the tin industry	D.Oliveira	P3.17
Risks of noncancer diseases at low and intermed dose levels in French cohort of nuclear workers: updated follow up 1968-2014	K. LEURAUD	P3.18
A Software for Calculating Dose Coefficients for the Offspring of Female Members of the Public and Female Workers Following Intakes of Radioisotopes	V. Spielmann	P3.19
Radiation safety features and an analysis of occupational doses in the proton therapy center in Poland	R. KOPEC	P3.20

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Dose variations using an X-ray cabinet to establish in vitro dose-response curves for biological dosimetry assays	M. Bucher	P3.21
Dose estimation for medical staff in electronic brachytherapy treatment rooms for skin and breast treatments.	A. González-Rodríguez	P3.22
Application of Risk Matrix Methodology for analyzing the catheterization procedure	A. Raso	P3.23
Human and object tracking systems for computational dosimetry in Nuclear Medicine	D. Rondón	P3.24
Sinfonia field survey of staff dosimetry practice in proton therapy centers	M. Saint-Hubert	P3.25
Supervised Radiation Area in a Pacing Room- use of a dosimeter	B. Rodrigues	P3.26
Monte Carlo simulation of measurements of I-131 in age-dependent thyroid model	T. Pázmándi	P3.27
Evaluation of Keysight MXR404A Oscilloscope for Measurements in Pulsed Radiation Fields	L. Pavelic	P3.28
Development of Software for internal dosimetry: A case study of Pu-239	T. Makumbi	P3.29
Investigation of radiation dose around C-arm fluoroscopy and its related incident cancer risk on operating room staff	A. Dareyni	P3.30
A study on applicability of the dose conversion from materials in a mobile phone to human body for retrospective dosimetry	H. Kim	P3.31
Results of Monte Carlo calculation of the 2019-2020 EURADOS WG10 and RENEB field test	H. Kim	P3.32
Influence of interpatient variability in organ dose assessment for pediatric Nuclear Medicine procedures	S. Valente	P3.33
Radiation exposure of professionals in percutaneous coronary interventions	R. Pinto	P3.34
European intercomparison of in vivo monitoring laboratories: the Eivc project	M. A. Lopez	P3.35
A Dedicated Software for Individual Dosimetry	A. Nacu	P3.36
Neutron-ambient dos equivalent rate meters - experience in developing and using IEC 61005 International standard	M. Voytchev	P3.37
Mortality analysis in a cohort of medical workers exposed to low dose of IR in F (ORICAM cohort)	J. Lopes	P3.38
Dosimetric study in paediatric patients with congenital heart diseases exposed to X-rays and submitted to diagnostic and interventional procedures	R. Costa	P3.39
Measurement of I-131 in Thyroid with the New Broad Energy Germanium Detectors of CIEMAT	M. Moraleda	P3.40

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Poster Session 2

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Medical applications of ionising radiation	Author	Poster Number
EXTRAORAL AND CBCT DENTAL EXPOSURES IN PORTUGAL	H. Trindade	P1.1
HEAD AND ABDOMEN CT EXPOSURES IN PORTUGAL	H. Trindade	P1.2
Neutron Enhanced Capture Treatment of Neurotoxic amyloid aggregates project (NECTAR) - a new approach to address Alzheimer's treatment	S. Bellkov	P1.3
A new view on chronic wound healing treatment: synergistic interplay between subtherapeutic doses of IR and prevascularised dermal spheroids	F. Rocha	P1.4
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