

TUESDAY POSTERS					TUESDAY POSTERS				
Screen	17:30-17:45		17:45-18:00		18:00-18:15		18:15-18:30		
	NIR: Non-ionising radiation				NIR: Non-ionising radiation				
1	Zsuzsanna Vecsei	Radiofrequency exposure measurements of 2G-5G mobile systems during youngster's outdoor entertainment	Patryk Zradziński	Occupational Hazards Related to Energy and Information Transfer near Radifrequency Readers	Bertalan Pintér	Investigation of UV-induced gH2AX phosphorylation on human keratinocyte and fibroblast cells in vitro	Zsófia Szilágyi	Investigation of the intermediate frequency magnetic field induced adaptive response on human fibroblasts in vitro	
	Education and training				Other radiation protection				
2	Tamas Pázmándi	Training and tutoring for the experts of nuclear regulatory authorities of countries outside the EU	Wout P. Moerman	Interactive digital learning tools for Radiation Protection Training	Wout P. Moerman	The impact of Covid19 on Radiation Protection exam results	Hielke-Freerk Boersma	8th International Conference on Education and Training in Radiological Protection (ETRAP): Groningen NL, 26 - 30 June 2023	
3	Andrzej Wojcik	Education and training program of the project RadoNorm: towards effective radiation protection based on improved scientific evidence and social considerations - focus on radon and NORM	Mary E. Allan	Heads of Profession Network	Chia-Yi Liu	GA3C for Anomalous Radiation Source Detection	Daiane Cristina Barbosa de Souza	Estimation of DRLs for computed tomography scan in hospitals in the south region of Brazil	
	Medical applications				Medical applications				
4	Patricia B. R. Gasparian	Radiosurgery Dosimetry using OSL Film made with CaSO ₄ :Eu - A Feasibility Study	Erik Hübler	An OCT scanner for 3D assesment of clinical LINAC dose fields and developmens of specific polymer gels	Gustavo E. Camargo	Development of phantom for current modulation quality assurance test on computed tomography	Kristjan Talts	Investigation of scatter radiation field and active survey dosimeter parameters applying standard protocol for chest radiography	
5	Modesto A. Sosa	Eye lens shielding study in computed tomography using MCNP	Zoltan Kolozsi	Impact of x-ray machine replacement on the radiation protection at interventional radiological workplaces	Nina Tuncel	Dosimetric Comparison of Tomotherapy and Three Dimensional Conformal Radiotherapy Plannings for Graves Ophthalmopathy	Aída López Romero	Uncertainties in the fractionation and optimization of radioembolization with SIR-Spheres	
	Measurement and standardisation / Other radiation protection				Measurement and standardisation				
6	Sophie Harzmann	Clearance Measurements at PSI	Rodrigo De Lazzari	Intercomparison Study Of Sensitivities From Commercial OSL Readers And a New Developed OSL Reader	André Gomes Lamas Otero	A Deep Learning Model for Gamma Spectroscopy Analysis	Clement Devic	Evaluation of the IViscan detector for regulatory dosimetric quality control including wide radiation beam for computed tomography	
7	Jozef Sabol	Difficultirs in using the present system of the quantification of radiation exposure	Victor Merza	Measurements of backscatter factors of phantomS for the correct evaluation of uncertainty contributions in occupational dosimetry	Hee Seo	Effect of Raining and Temperature on Background Signal of Radiation Portal Monitor	Miroslav Voytchev	Recent developments in the international IEC and European EN standards for radiation protection instrumentation	
	Radioecology				Radioecology				
8	Natalia Kuzmenkova	Sedimentation evaluation in lakes located in different altitudes using radionuclides	Željka Knežević	Environmental monitoring of the Krško NPP surroundings	Alexandru O. Pavelescu	Radiological Risk Assessment for A Radioactive Effluents Buffer Tank Decommissioning	Szabolcs Osvath	Radioactivity in Hungarian drinking waters	
	Personal dosimetry				Personal dosimetry				
9	Tamas Pázmándi	Review of measurement methods and calibration procedures used in personal neutron dosimetry	Ondrej Mišik	Deposition of radon progeny in laryngeal and pharyngeal regions of respiratory tract	Shinya Imai	Evaluation of Factors associated with the Effectiveness of Radiation Protection Glasses	Mastaneh Zadehrafai	Romanian national metrological traceability chain associated with eye lens dosimetry by high-precision dosimetry phantoms and Monte Carlo technique	
10	Coretchi Liuba	Health assessment of chronic exposed personnel to ionizing radiation	Borislava Provic	Radiation safety of sentinel node biopsy procedure- institutional experience	Evelin Derugin	Deep TL: Progress of a machine learning aided personal dose monitoring system	Alberto Stablini	Performance assessment and improvement of fluorescent nuclear track detectors as neutron dosimeters	
	NORM & Radon				NORM & Radon				
11	Konstantin Kovler	A Difficult Way Towards a Rational and Harmonized International Regulation of Indoor Radon	Réka Incze	Radon in Covasna And Harghita Counties (Romania): From Epicurian To All-Pervasive Perspective	Kinga Hening (Szacsvai)	Indoor radon distribution in residential and public building from some major urban agglomerations of Romania	Zuzanna Pawłowska	Progress of TraceRadon - Empir 19EN/01 project	
12	Sarabjot Kaur	Analysis of uranium biokinetics and internal toxicity to humans from sustained intake of groundwater	Rosabianca Trevisi	Radon levels distribution in University's buildings located in an Italina karst region	Rosabianca Trevisi	Inventory of NORM industrial sectors in Italy: preliminary results	Ileana Radulescu	Outdoor radon measurements by means of SSNDT and active monitoring	
	Radioactive waste management and geological disposal				Radioactive waste management and geological disposal				
13	Zoltán Hlaváthy	Determination of nuclide concentration in waste materials in the insider project	Gabriel Inalegwu Iklaga	Assessing the effect of natural zeolite additives on the Immobilization of Boric acid radioactive waste by cement	Mojtaba Rostamparsa	immobilization of novel radioactive waste of B-10 enriched boric acid with OPC and SAC cementitious materials	Daniela Gurau	Development of assessment methodology for high volume radioactive waste	
	Radioactivity monitoring and emergency monitoring				Radioactivity monitoring and emergency monitoring				
14	Ákos Kővágó	The first integrated geodynamic station in central Europe	Anna A. Filonova	Environmental impact assessment of remediation of the site of temporary storage of SNF and RW in Andreeva bay	Anna Pantya	Monte Carlo simulation of measurements of I-131 in age-dependent thyroid model	Iurii Belskikh	Radiation survey at the remediated dumps of mine No.2 of the Lermontov Production Association "Almaz"	
15	Arya Krishnan Kambikkanath	Determination of Carbon-14 Specific activity in Soil and Sediments by Tube Combustion and Liquid Scintillation Counting Method	Liudmila Liutsko	Mobile apps for radiation doses, health and well-being after a nuclear accident: recommendations for users, developers and public authorities	Cristina Nuccetelli	The SIREN Project: development of a real time system to report and collect data for the dose assessment of operators in abnormal events in nuclear medicine therapy	Sandra Poumélrouly	Development of ASTRE, tool to evaluate the accessibility of the site in case of accident with radiological release in the atmosphere	
16	Klara Poiskruh	Gross alpha beta method and dose estimation	Peter Oluwadamilare Olagbaju	Radiological Assessment of Irrigation Water used in Rustenburg, South Africa.	Lumen Haendler	Radiation protection challenges at SwissFEL	Pavel Surin	Assessment of dose to the public from tritium intake due to operation of a nuclear power plant	
	Regulation				Industry & NPP				
17	Jos van den Eijnde	Avoiding multiple conservative assumptions: a case on a laboratory rule	Silke C. Wouters	Dose rate calculations for a new radioactive waste interim storage facility at PSI	Péter Kirchknopf	Gamma Spectrometric Investigation of Fission Product Activity Ratios to Calculate Burnup, Cooling Time and Power History of Spent Nuclear Fuels	Maxime Karst	Edf's eye lens dose study : Methodology, results and strategy chosen for interventions in an industrial environment	
	Radiobiology				Radiobiology				
18	Timea Hübler	Harmonization protocol on the quality of the micronucleus samples that are scored automatically	Sergey Sokovnin	Surface irradiation installation based on URT-0,5M accelerator	Mostafa Karimi Roshan	Nectar: A New Horizon to Address Alzheimer's Treatment	Lenka Andrejsová	New experimental approach in biosimetry: ex vivo apoptosis detection	
19	Nadia Boroumand	Cancer-related changes in cells exposed to alpha radiation in combination with nicotine	Ahmad Sleiman	Development of microfluidic chips to immobilize C.elegans for nervous system irradiation with proton microbeam	Anu Prakash	Some mechanistic aspects of Trichostatin-A (TSA) as a radio-mitigator	Lipsy Goyal	Effect Of N- Acetyl Cysteine Against Radiation And Burn Combined Injury	
20	Kamalesh Mumbreakar	Amelioration of pelvic irradiation induced toxicity by probiotics	Stanislav S. Silkin	Cancer risk in the cohort of exposed population of the East Urals Radioactive Trace	Irina A. Martinenko	Solid cancer incidence at sites other than organs of the main plutonium deposition in Mayak workers cohort, 1948-2017	Maria Bannikova	The incidence of basal cell skin cancer in the cohort of Mayak nuclear workers	

THURSDAY POSTERS				
Screen	18:00-18:15		18:15-18:30	
NIR: Non-ionising radiation				
1	Cristian Goiceanu	Some considerations on challenges related to the use of the new ICNIRP restrictions for human exposure to radiofrequency fields	Mattia Vaccarone	Magnetic Fields Exposure in Electric Vehicles: A Real-Life Study Case
Education and training				
2	Tom Clarijs	Changing face to face to online radiation protection training: experiences of the trainers and trainees	Salwa AL-salhy	Strengthening the training and retraining programme to strengthen national capacity to reduce exposure to ionizing radiation in catheter laboratories in Iraq
Other radiation protection				
3	Daiane Cristini Barbosa de Souza	Review of the dose management for medical exposure in interventional radiology practices	Hassan Salah Ibrahim	Assessment of pediatric radiation dose and cancer risk from pediatric enhanced ct abdomen examination
Medical applications				
4	Tatsuhiko Gotanda	Dosimetry using a radiochromic film and a mammography phantom	Marina V. Filimonova	Medical application of radioprotectors: a promising concept for the prevention of radiation pathologies
5	Lyudmila Mikryukova	Stude of risk factors for cataract development in chronically exposed persons	Aída López Romero	Patient dose reduction with the implementation of low dose protocols in computed tomography
Measurement and standardisation				
6	Ivana S. Vukanac	Verification of the sampling procedure for waste and industrial material	Nur Rahmah Hidayati	Analysis of attenuation factors for therapeutical radioisotopes in indonesia : preparation of image quantification for radionuclide therapy dosimetry
Other radiation protection				
7	Marianna Koutrouli	Comparison of the secondary cancer risk induced by prostate external beam radiotherapy for partially in-beam organs between two different regimes in different patient age groups	Pratibha Pratibha	Radioprotective effects of RKI006 in Radiation-induced Gastrointestinal injury via lowering Oxidative Stress and DNA Damage.
Radioecology				
8	Carmen A. Tuca	Activity levels of natural and artificial radionuclides from soil in a VVR-S nuclear research reactor decommissioning area	Zhanat Baigazinov	Assessment of possibility of farm animal breeding on the STS
Personal dosimetry				
9	Phillippe Lestaevel	The most exposed flight crews in France over the period 2015-2019	Amir Dareini	Investigation of radiation dose around C-arm fluoroscopy and its related incident cancer risk on operating room staff
10	Atallah Copty	The Influence of Magnetic Fields (0.05 T < B < 7 T) on the Response of Personal Thermoluminescent Dosimeters to Ionizing Radiation		
NORM & Radon				
11	Kremena Georgieva Ivanova	Indoor radon concentration in state schools of four Bulgarian districts	Rainer Gellermann	The European NORM Association (ENA) - Promoting Radiation Protection in the Field of NORM in
12	Coretchi Liuba	Radon Survey and exposure assessment in Republic of Moldova	Lisa Pedrazzi	Challenges associated with disposal of exhaust air filters at PSI
Radioactive waste management and geological disposal				
13	Jean-Michel Horodyski	SimB-AD project: methodology to assess beta-only radionuclides activation into cyclotron materials		
Radioactivity monitoring and emergency monitoring				
14	Yuki Sato	Visualization Software for Radioactive Contamination based on Compton camera: COMRIS	Michaela Kozlovská	Radioactivity Monitoring after Dirty Bomb Explosion Simulation
15	Jovana Knežević	Activity concentration level control as part of environmental radiation monitoring in the vicinity of nuclear facilities	István Róbert Nikolényi	A remote and real-time optical detection of alpha-emitting radionuclides in the environment
16				
Industry & NPP				
17	Sanghoun Joung	Comparative Analysis of Power System Open Phase Conditions in Korea's Standard Nuclear Power Plants	Megan J. Hopkins	Feasibility Study of 3D Gamma Imaging for Improving Radiological Protection at Sizewell B Nuclear Power Plant
Radiobiology				
18	Anna Pantya	Role of individual characteristics in thyroid dose estimation	Ivan V. Milto	Association of the frequency of the cytogenetic disorders in the blood lymphocytes of employees of the nuclear industry enterprise with irradiation dose
19	Sandrine Pereira	Performances of a binary blood assay for predicting radiosensitivity	Coretchi Liuba	Biological markers of ionizing radiation
20	Anna Valerievna Rumyantseva	The Database of Reproductive Health Parameters in Women Chronically Exposed to Ionizing Radiation	Natalia Atamanyuk	Radiobiological studies of human HSC using the NOD SCID mice xenotransplantation model

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Education and training				
	Isabel Paiva	MPSR: A unique Master's Course on "Radiation Protection and Safety" in Portugal. Lessons learnt and recommendations for the future	Mirjana M. Đurašević	Importance of the exposed workers education in the system of radiation protection: the experience of the Center for Permanent Education, "Vinca" Institute of nuclear sciences Serbia
Other radiation protection				
	Seung Hun Shin	Respiratory protection strategies for the public in emergency response	John Klumpp	Side Effects and Complications Associated with Treating Plutonium Intakes
Medical applications				
	Abdelmoneim Suleiman	Assessment of the effective radiation dose and cancer induction probability in urographic imaging procedures	Corina Pera	Radiation doses and associated risks for CT head exposures
	José Calatayud-Jordán	Local diagnostic reference levels for diagnostic and interventional radiology at a Spanish university hospital	José Calatayud-Jordán	Digital radiography reject analysis at a Spanish university hospital
Measurement and standardisation				
	Saroa Rozas	ISO 17025 accreditation of LSC measurements in the LMBA	Gal Amit	Automatic Classification of TLD Glow Curve Anomalies Using Machine Learning Tools
Other radiation protection				
	Tatsuki Kimura	Occupational risk in terms of mortality		
Radioecology				
	Viktoria Grill	Determination of Cs-137 and Sr-90 in wood and wood ash purchased in Austria		
Personal dosimetry				
	Eugenia Mihaela Coicui	Dosimetry techniques for complex mixed ionizing radiation fields	Aída López Romero	Comparison between radioembolizations with yttrium-90 and holmium-166 concerning radiation protection of health professionals
NORM & Radon				
	Tobias Hein	Predicting Activity Concentration Index	Jana N. Džounova	Analysis of indoor radon concentration in kindergartens of two Bulgarian district
	Dirk A. Filby	Modeling of indoor radon concentration and its validation through measurements in a specifically selected building		
Radioactive waste management and geological disposal				
Radioactivity monitoring and emergency monitoring				
	Dorottya Jakab	Practical aspects of assessing the performance characteristics of environmental radiation measurements	Irén Kerekes	The role of the Regional Laboratory (Tolna County) of the RAMDAN in the Paks NPP related monitoring programme
	Grazyna Krajewska	Measurements of iodine and technetium content in thyroid of occupationally exposed personnel	Irina Avram	Radiological protection assessment using Monte Carlo simulation code
Industry & NPP				
Radiobiology				
	Sonia Spandole-Dinu	Radioprotective effect of green barley juice on rat testis	Nur Rahmah Hidayati	Proinflammatory cytokine of human TNF-alpha in the blood plasma of medical workers occupationally exposed to radiation
	Elena Shishkina	Extensive measurements of Sr-90 body-burden as a basis of retrospective internal dosimetry for population of the Urals region	Teena Haritwal	Radiotherapy induced alteration in cytokine levels are mitigated by TSA in C57BL/6 mice
	Iana Vladimirovna Krivoshchapov	The study of the telomere length in chronically exposed people	Tamara Fuciarelli	Ionizing radiation alters male (Acheta domesticus) courtship songs that are critical for mating success.