

Conference Programme

Monday May, 27

Time	Poster Session 1 (all day)		
8:30 – 9:15	REGISTRATION (8:00 – 9:00)	Neutron dosimetry and measurement techniques (M. Silari)	Development of dosimetric quantities and units, as reflected in the ICRU recommendations (L. Musilek)
9:20 – 11:00	Opening & Plenary Session I1 – Computational Dosimetry <i>Session chairs: Pedro Vaz, Isabel Lopes</i>		
	OPENING (25min)		
	I1.1 – Jenia Vassileva: IAEA Views (25 min)		
	I1.2 – Werner Rühm: EURADOS Views (25 min)		
11:00 – 11:20	Coffee-Break		
	Plenary session I1 (cont.) – Computational Dosimetry <i>Session chairs: Pedro Vaz, Isabel Lopes</i>		
	I1.4 – David Bradley: IRPS: approaching 40 years of existence (25 min)		
	I1.5 – Nolan Hertel: Radiation Protection Dosimetry Research: A View From the USA (25 min)		
11:20 – 13:00	I1.6 – George Xu: The impact of phantoms, realtime Monte Carlo simulation, and machine-learning on radiation dosimetry (25 min)		
	I1.7 – C.H. Kim: ICRP mesh-type reference computational phantoms and high-fidelity deformation for body-size and posture change (25 min)		
	Lunch-Break		
	Lunch-Break		
14:15 – 15:55	Radiation Protection in Medicine I (Radiotherapy) <i>Session chairs: Antje Knopf, Joana Santos</i>	Micro and Nanodosimetry I <i>Session chairs: Carmen Villagrasa, Alessio Parisi</i>	Internal Dosimetry and Biokinetic models I <i>Session chairs: M.A. López, Pedro Teles</i>
	O1.1 – Gonzalo Garcia (20 min)	O1.1 – Carmen Villagrasa (15 min)	O1.1 – Sergei Tolmachev (15 min)
	O1.2 – Gabriele Magugliani (20 min)	O1.2 – Alessio Parisi (15 min)	O1.2 – M.A. López (15 min)
	O1.3 – Grazia Gambarini (20 min)	O1.3 – Juan Prieto-Pena (15 min)	O1.3 – Anna Pántya (15 min)
	O1.4 – Andreia Oliveira (20 min)	O1.4 – Davide Mazzucconi (15 min)	O1.4 – Gumersindo Verdú (15 min)
		O1.5 – Davide Bortot (15 min)	O1.5 – Pedro Teles (15 min)
		O1.6 – Anna Bianchi (15 min)	O1.6 – Hsin-Hon Lin (15 min)
15:55– 16:15	Coffee-Break		
16:15 – 17:55	Radiation Protection in Medicine II (Radiotherapy) <i>Session chairs: Manuel Bardiès, M.C. Lopes</i>	Neutron Dosimetry I <i>Session chairs: Stefano Agosteo, Carles Domingo</i>	Individual Dosimetry and Monitoring I <i>Session chairs: Ladislav Musilek, Lawrence Hudson</i>
	O2.1 – Francisco Henriquez (20 min)	O1.1 – Carles Domingo (20 min)	O1.1 – Larry Hudson (20 min)
	O2.2 – Natália Alves (20 min)	O1.2 – A. Devienne (20 min)	O1.2 – Miroslav Voytchev (20 min)
	O2.3 – Ana Cravo Sá (20 min)	O1.3 – Carles Domingo (20 min)	O1.3 – Inmaculada Sierra (20 min)
	O2.4 – Francisco Henriquez (20 min)	O1.4 – Grazia Gambarini (20 min)	O1.4 – Fabio Pozzi (20 min)

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Tuesday May, 28

Time	Poster Session 2 (all day)		
8:30 – 9:15	Extremity dosimetry (F. Vanhavere)	Internal Dosimetry (P. Teles)	
9:20 – 11:00	Plenary Session I2 – Radiation Protection and Dosimetry In Medicine Session chairs: Jenia Vassileva, Eliseo Vaño		
	I2.1 – Jenia Vassileva: Patient exposure monitoring in medical imaging: why and how? (25 min)		
	I2.2 – Eliseo Vaño: Automatic patient dose registry and help in the optimisation and audit of interventional procedures (25 min)		
	I2.3 – Manuel Bardiès: Patient-specific dosimetry in Molecular radiotherapy (25 min)		
11:00 – 11:20	Coffee-Break		
11:20 – 13:00	Radiation Protection in Medicine III (Radiotherapy) Session chairs: Jenia Vassileva, Ana Cravo Sá	Environmental Dosimetry, radioactivity measurement and monitoring I Session chairs: J. Francisco Navarro, José Rodénas	Monte Carlo and hybrid methods in Dosimetry I Session chairs: Christopher Chantler, Luís Peralta
	O3.1 – Emily Russell (15 min)	O1.1 – Aina Noverques (20 min)	O1.1 – Catherine da Silva (20 min)
	O3.2 – Lorenzo Isolan (15 min)	O1.2 – Maksym Luchkov (20 min)	O1.2 – Manon Jacquemin (20 min)
	O3.3 – Keida Kanxheri (15 min)	O1.3 – Natalie Heracleous (20 min)	O1.3 – Richard Hugtenburg (20 min)
	O3.4 – Ouiza Moussous (15 min)	O1.4 – José Corisco (20 min)	O1.4 – André Gomes Otero (20 min)
	O3.5 – E. Tomarchio (15 min)		
	O3.6 – Alessio Parisi (15 min)		
	13:00 – 14:15	Lunch-Break	
14:15 – 15:55	Radiation Shielding and Dosimetry at Accelerators I Session chairs: Marco Silari, Yuriy Romanets	Computational Dosimetry and Phantoms I Session chairs: George Xu, Shaheen Dewji	Biodosimetry, Radiobiology and Retrospective Dosimetry Session chairs: João Seco, Octávia Monteiro Gil
	O1.1 – A. Devienne (20 min)	O1.1 – Daiki Satoh (20 min)	O1.1 – João Seco (15 min)
	O1.2 – Radu Alin Vasilache (20 min)	O1.2 – Jonathan Dean (20 min)	O1.2 – Géraldine Gonon (15 min)
	O1.3 – Victoria Corregidor (20 min)	O1.3 – Takuya Furuta (20 min)	O1.3 – N.T. Tavares (15 min)
		O1.4 – Elisabeth Hansen (20 min)	O1.4 – P. Costa (15 min)
		O1.5 – Joana Vale (20 min)	O1.5 – Jose Chimeno (15 min)
			O1.6 – Ana Belchior (15 min)
15:55– 16:15	Coffee-Break		
16:15 – 17:55	Radiation Protection in Medicine IV (Imaging) Session chairs: Eliseo Vaño, Eric Shirley	Dosimetry in radiological and nuclear emergencies and accidents I Session chairs: Luís Neves, Daiki Satoh	Individual Dosimetry and Monitoring II Session chairs: Filip Vanhavere, Isabel Lopes
	O4.1 – Luís Peralta (20 min)	O1.1 – Shaheen Dewji (20 min)	O2.1 – Ladislav Musilek (20 min)
	O4.2 – Francisco Henriquez (20 min)	O1.2 – José Ródenas (20 min)	O2.2 – Filip Vanhavere (20 min)
	O4.3 – Fernanda Santos (20 min)	O1.3 – J. Francisco Navarro (20 min)	O2.3 – Sabina Yasmin (20 min)
	O4.4 – Pedro Teles (20min)	O1.4 – Olivier Van Hoey (20 min)	

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Wednesday May, 29

Time	Poster Session 3 (all day)		
8:30 – 9:15	Animating computational human phantoms using 3-D motion-capture data and their applications in personal dosimetry (M. Abdelrahman)	Use of computational human phantoms in medical applications (G.Xu)	
9:20 – 11:00	Plenary Session I3 – Hot Dosimetry topics I Session chairs: Hans Rabus, Filip Vanhavere		
	I3.1 – Hans Rabus: Nanodosimetry – past, present, future (25 min)		
	I3.2 – João Seco: Think Like a Proton Stay Positive: Cutting Edge Ideas in Proton Therapy (25 min)		
	I3.3 – Filip Vanhavere: Radiation-induced lens opacities among interventional cardiologists (25 min)		
	I3.4 – Christopher Chantler: Quantification of X-ray methodologies and extraction of reliable and new insight (25 min)		
11:00 – 11:20	Coffee-Break		
11:20 – 13:00	Radiation Protection in Medicine V (Imaging) Session chairs: David Bradley, Maria Carmen Sousa	Environmental Dosimetry, radioactivity measurement and monitoring II Session chairs: Pasquale Fulvio, Maria José Madruga	Monte Carlo and hybrid methods in Dosimetry II Session chairs: Richard Hugtenburg, Ana Belchior
	O5.1 – Teodoro Rivera-Montalvo (15 min)	O2.1 – Vladimir Mares (20 min)	O2.1 – Ladislav Musilek (15 min)
	O5.3 – Hugo Schelin (15 min)	O2.2 – C.A. Federico (20 min)	O2.2 – José Ródenas (15 min)
	O5.4 – Chien Yi Ting (15 min)	O2.3 – Sadia Assad (20 min)	O2.3 – Débora António (15 min)
	O5.5 – Hugh Wilkins (15 min)	O2.4 – Maria José Madruga (20 min)	O2.4 – Georgina Benítez (15 min)
	O5.6 – Agnieszka Szumska (15 min)	O2.5 – Aina Noverques (20 min)	O2.5 – Maria Pinilla (15 min)
			O2.6 – Jorge M Sampaio (15 min)
13:00 – 14:15	Lunch-Break		
14:15 – 18:00	SOCIAL PROGRAMME		
18:00 – 20:00			
20:00 – 23:00	CONFERENCE DINNER		

Conference Programme

Thursday May, 30

Time	Poster Session 4 (all day)		
8:30 – 9:15	Establishment and use of DRLs (J. Vassileva)	Dosimetry audits in Radiotherapy (M.C. Lopes)	
9:20 – 11:00	Plenary Session I4 – Low dose radiation effects and Radiobiology Session chairs: Werner Rühm, Liz Ainsbury		
	I4.1 – Werner Rühm: Recent Work of ICRP Committee 1 on Radiation Effects – From Low-Dose and Low-Dose-Rate Effects to Individual Radiation Response (25 min)		
	I4.2 – Liz Ainsbury: Interdisciplinary dosimetry research supporting medical (and wider) uses of ionising radiation (25 min)		
	I4.3 – Susana Constantino: Low doses of ionizing radiation: where do we stand now? (25 min)		
	I4.4 – Shaheen Dewji: A Roadmap to a Roadmap: Perspectives on Recent Low Dose Initiatives in the United States (25 min)		
11:00 – 11:20	Coffee-Break		
11:20 – 13:00	Dosimetry of radon exposures Session chairs: Alain Rannou, Mário Reis	Computational Dosimetry and Phantoms II Session chairs: C.H. Kim, Mahmoud Abdelrahman	Monte Carlo and hybrid methods in Dosimetry III Session chairs: David Broggio, Jorge Fernandez
	O1.1 – Maria Lurdes Dinis (15 min)	O2.1 – J.F. Benavente (20 min)	O3.1 – Ricardo Augusto (20 min)
	O1.2 – Alcides Pereira (15 min)	O2.2 – Hans Rabus (20 min)	O3.2 – M.N. Kinakin (20 min)
	O1.3 – Yoenls Prata (15 min)	O2.3 – Salvatore di Maria (20 min)	O3.3 – Rong-Jiun Sheu (20 min)
	O1.4 – Mário Reis (15 min)	O2.4 – Weishan Chang (20 min)	O3.4 – Tiago Ribeiro (20 min)
	O1.5 – Yoenls Prata (15 min)	O2.5 – Ana Denis-Bacelar (20 min)	O3.5 – David Redondo (20 min)
	O1.6 – Luís Peralta (15 min)		
13:00 – 14:15	Lunch-Break		
14:15 – 15:55	Radiation Shielding and Dosimetry at Accelerators II Session chairs: Werner Rühm, Diego Di Francesca	Micro and Nanodosimetry II Session chairs: Hans Rabus, Alejandro Carabe-Fernandes	
	O2.1 – Richard Hugtenburg (20 min)	O2.1 – Valeria Conte (15 min)	
	O2.2 – Diego Di Francesca (20 min)	O2.2 – Florian Heimbach (15 min)	
	O2.3 – Gabriele Zorloni (20 min)	O2.3 – Anna Selva (15 min)	
	O2.4 – Masafumi Akiyoshi (20 min)	O2.4 – Hans Rabus (15 min)	
		O2.5 – Volker Dangendorf (15 min)	
	O2.6 – Aleksandr Bancer (15 min)		
15:55 – 16:15	Coffee-Break		
16:15 – 17:55	Radiation Protection in Medicine VI (Staff dosimetry) Session chairs: M. Francesca Spadea, Marta F. Dias	Radiation Protection and Dosimetry in Industry & NORM Session chairs: Frank Becker, Maria de Lurdes Dinis	Neutron Dosimetry II Session chairs: Nolan Hertel, Michał Kuć
	O6.1 – Katharina Bairlein (20 min)	O1.1 – Jovica Atanackovic (20 min)	O2.1 – E. Tomarchio (20 min)
	O6.2 – Hayo Zutz (20 min)	O1.2 – Christopher Chantler (20 min)	O2.2 – Michał Kuć (20 min)
	O6.3 – Oliver Hupe (20 min)	O1.3 – Frank Becker (20 min)	O2.3 – R. Méndez-Villafañe (20 min)
	O6.4 – Cristian Candela-Juan (20min)	O1.4 – Thomas Quirk (20 min)	
	O6.5 – Cristian Candela-Juan (20min)	O1.5 – Marina Sáez-Muñoz (20 min)	

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Friday May, 31

Time	Poster Session 5 (all day)		
8:30 – 9:15	The New ICRU Recommendations for Neutron Dose Coefficients and the impacts of neutron resonances (N. Hertel)		
9:20 – 11:00	Plenary Session I5 – Hot Dosimetry topics II <i>Session chairs: Eduardo Gallego, Alain Rannou</i>		
	I5.1 – Eduardo Gallego: Dosimetry issues in Radiological and Nuclear Emergency Preparedness and Response (25 min)		
	I5.2 – Alain Rannou: RADON DOSIMETRY- Biological, internal dosimetry and radiometric issues (25 min)		
	I5.3 – Marco Silari: Dosimetry at Accelerators - State-of-the-art and challenging issues (25 min)		
11:20 – 13:00	I5.4 – José Ródenas: Application of dosimetry to estimate activity in irradiated samples (25 min)		
	Coffee-Break and Poster Session 5		
	Dosimetry in space applications <i>Session chairs: Vladimir Mares, Amir Bahadori</i>	Radiation Protection in Medicine VII <i>Session chairs: Linda Caldas, Salvatore di Maria</i>	Dosimetry in radiological and nuclear emergencies and accidents II <i>Session chairs: Eduardo Gallego, Isabel paiva</i>
	O1.1 – Amir Bahadori (20 min)	O7.1 – Abdelmoneim Sulieman (20 min)	O2.1 – Joyce Silvestre (20 min)
13:00 – 14:15	O1.2 – Ana Luísa Casimiro (20 min)	O7.2 – Wiam Elshami (20 min)	O2.2 – Marina Sáez Muñoz (20 min)
	O1.3 – Marco Pinto (20 min)	O7.3 – Leonello Servoli (20 min)	O2.3 – J.F. Navarro (20 min)
	O1.4 – Rong-Jiun Sheu (20 min)	O7.4 – Salvatore di Maria (20 min)	O2.4 – Ämilie Erbe (20 min)
	WRAP-UP & CLOSING		