

PROGRAM OVERVIEW

Thursday, September 1st 2016

TIME	HALL A Eugenides Foundation (Main Auditorium)	HALL B Metropolitan Hotel (Aegean Sea Ballroom)	HALL C Eugenides Foundation (Conference Hall)
09:00-10:30	Scientific Session : Radiation Oncology Physics and Technology Oral Presentations	Refresher Course: MRI: Quality Assurance Basic quality control in MRI T.G. Maris Quality control in high-field MRI P. de Bruin Quality assurance in quantitative MRI I. Seimenis Quality assurance in MRI for radiotherapy planning N. Papanikolaou	Scientific Session: Brachytherapy and Radionuclide Therapy Oral Presentations
10:30-11:00	Coffee Break		
11:00-12:00	Scientific Session: Radiation Oncology Invited Talk Small scale radiopharmaceutical dosimetry M. Bardies Oral Presentations	Refresher Course: MRI: Safety Risks related to static magnetic fields L. Hanson Risks related to gradient fields I. Tsougos	Scientific Session: Radiation Protection in Diagnostic Radiology Oral Presentations
12:00-13:00	Scientific Session: Radiation Protection In Radiation Oncology Oral Presentations	Risks related to RF fields A. Webb European legal framework for safety and quality assurance in MRI A. Torresin Discussion	Scientific Session: Radiation Protection in Diagnostic Radiology Oral Presentations
13:00-14:00	Lunch Break		
14:00-15:00	Scientific Session: Radiation Oncology Invited Talk Individualization in radiotherapy: where we are and where to go? P. Kukolowicz	Scientific Session: Imaging Invited Talk Dose optimization in cardiac CT M. Kalra	Scientific Session: Miscellaneous Oral Presentations

	Oral Presentations	Oral Presentations	
15:00-16:00	Scientific Session: Radiation Oncology Physics, QA and Technology Oral Presentations	Presentation Of The Medal Award J. Damilakis Lecture High Intensity Focused Ultrasound: physical principles and clinical applications G. Borasi	Scientific Session: Diagnostic Radiology Physics and Technology Oral Presentations
16:00-16:30	Coffee Break		
16:30-18:00	ECMP Welcomes Italy The Italian Group Of Dosimetry In Radiometabolic Therapy: State Of The Art And Future Prospective The individualized dosimetry in the radioembolization of hepatocarcinoma with 90Y-microspheres C. Chiesa Bone metastases dosimetry for 223Ra-dichloride: an Italian multicenter study M. Pacilio, S. Camillo Forlanini The advantage of combined treatments: alpha-emitters radiopharmaceutical and external beam radio-therapy L. Strigari	Joint EFOMP-ESR Session A Multi-Stakeholder Approach To Medical Radiation Protection An overview of ESR experience, with a focus on Eurosafe Imaging G. Frija An overview of EFOMP experience, with a focus on EuroSafe Imaging J. Damilakis EURAMED: European Alliance for Medical Radiation Protection Research L. Donoso Structured dose reporting P. Mildenberger Towards benchmarking paediatric cranial CT protocols using a dose tracking software system: A multicenter study T. de Bondt	Scientific Session: Miscellaneous Oral Presentations
19:30-21:00	Opening Ceremony - Welcome addresses - Welcome Reception		

Friday, September 2nd 2016

TIME	HALL A Eugenides Foundation (Main Auditorium)	HALL B Metropolitan Hotel (Aegean Sea Ballroom)	HALL C Eugenides Foundation (Conference Hall)
08:00–09:00	Refresher Course: MR Imaging And Radiation Therapy Basic MRI Physics for radiotherapy physicists' D. Lurie MRI-guided radiotherapy U. van der Heide	Scientific Session: Imaging Invited Talk Performance evaluation of hardware and software for SPECT cardiac imaging M. Brambilla Oral Presentations	Scientific Session: Radiation Protection in Interventional Radiology Oral Presentations
09:00-10:30	Special Session Raising Awareness Of Medical Physics: The View Of International Organizations IOMP: S. Tabakov ICTP: R. Padovani IAEA: H. Delis	Joint EFOMP-EFRS Session Dose Optimization Strategies: From Concepts To Clinical Practice Introducing the EFRS and translating research into clinical practice G. Paulo Establishing and monitoring DRLs J. Damilakis Dose Optimization in paediatric patients V. Syrgiamiotis Patient dose optimization in fluoroscopically-guided procedures E. Efstathopoulos What the clinical staff know and understand J. Portelli Discussion: Dose optimization requires close cooperation between medical pphysicists and radiographers	Scientific Session: Radiation Protection in Radiotherapy Oral Presentations
10:30-11:00	Coffee Break		
11:00-12:00	Scientific Session: Radiation Oncology Physics, QA and Technology Oral Presentations	Joint EFOMP-IAEA Session Quality Practices In Diagnostic Radiology Moving beyond quality control in Diagnostic Radiology H. Delis The role of comprehensive clinical audits in Quality Improvement in DR K. Faulkner Challenges of implementing QA in Europe	Scientific Session: Diagnostic Nuclear Medicine Oral Presentations

12:00-13:00	Scientific Session: Radiation Oncology		Scientific Session: Nuclear Medicine
	Invited Talk The impact of external dosimetry verification in radiotherapy C. Clark		Oral Presentations
	Oral Presentations		
13:00-14:00	Lunch Break		
14:00-15:00	Scientific Session: Brachytherapy	Scientific Session: Imaging	Scientific Session: Miscellaneous
	Oral Presentations	Invited Talk Acquisition protocols for 18F-FDG whole body PET/CT: optimizing scan duration versus administered dose S. Holm	Oral Presentations
		Oral Presentations	
15:00-16:00	Special Session: Education And Training (E&T) In Medical Physics	Scientific Session: Imaging	Scientific Session: Radiation Protection in Radiotherapy
	Reducing total E&T time without loss of quality: the E&T model in Malta C.J. Caruana	Invited Talk Radiation dose from Dual Energy CT applications M. Kalra	Oral Presentations
	Traditional curricular delivery vs the flipped learning approach: the EUTEMPE-RX experience H.Bosmans	Oral Presentations	
	Developing future Medical Physics leaders: a participant's perspective on EUTEMPE-RX leadership module MPE01 A.Kuchcinska		
16:00-16:30	Coffee Break		
16:30-18:00	ECMP Welcomes Italy: Advanced Techniques In Stereotactic Ablative Body Radiotherapy	Joint EFOMP-IAEA Session: Patient Safety In Paediatric Imaging	Scientific Session: Magnetic Resonance
	Technical developments in high precision radiotherapy C. Cavedon	Radiation protection of children – from standards to practice J. Vassileva	Oral Presentations
	Small beam dosimetry: a multi-center multi-detector italian project C. Talamonti	Unborn children: Radiation protection in pregnancy J. Damilakis	
	Multi-institutional national study for planning comparison on different anatomical sites C. Marino	Optimization of paediatric CT M. Kalra	
		Selected talks from the accepted abstracts of the countries participating in the IAEA projects	

		Size specific dose estimates in pediatric chest, abdomen and pelvis CT examinations <u>A. Yurt</u>, I. Ozsoykal, K. Akgungor K., Turkey The establishment of local diagnostic reference levels for pediatric CT <u>B. Griciene</u>, M. Petkelyte, A. Neverauskiene, L. Petkevicius, Lithuania Estimating patient dose and radiology practice from interventional cardiology procedures in the paediatric cardiology department in Bulgaria <u>D. Kostova-Lefterova</u>, Bulgaria Discussion: The Role Of Medical Physicists In Dose Management For Children	
20:00-24:00	"Get Together" Beach Party		

Saturday, September 3rd 2016

TIME	HALL A Eugenides Foundation (Main Auditorium)	HALL B Metropolitan Hotel (Aegean Sea Ballroom)	HALL C Eugenides Foundation (Conference Hall)
08:00–09:00	Scientific Session: Radiotherapy Tolerance levels and methodologies for IMRT verification QA D. Mihailidis, N. Papanikolaou Oral Presentations	Scientific Session: Imaging Invited Talk DICOM standards for patient dosimetry A. Trianni Oral Presentations	Scientific Session: Radiation Protection in Diagnostic Radiology Oral Presentations
09:00-10:30	Refresher Course: Advances In Charged Particle Radiotherapy For Paediatric Tumours General overview on charged particle therapy- current status and future challenges M. Ciocca Expected clinical benefits and challenges from particle therapy for paediatric tumours S. Schulz The future role of particle beams in the treatment of paediatric tumours, by a medical physics point of view A. Bolsi	Joint EFOMP-EANM Session: Quantitative Imaging And Dosimetry In Nuclear Medicine Instrumentation/Optimization/QC of imaging for Nuclear Medicine diagnostic dosimetry S. Holm Dosimetry methodology for diagnostic Nuclear Medicine U. Eberlein Dosimetry/optimisation in Molecular Radiotherapy M.Konijnenberg	Scientific Session: Radiation Protection in Radiotherapy Oral Presentations
10:30-11:00	Coffee Break		
11:00-12:00	Special Session: Technology-Enhanced Education In Medical Physics Successes and Challenges of e-Learning Practical Introduction in Medical Physics Education and Training S. Tabakov The Social Web: A New Communication Medium and Scientific Evaluation Tool G. Sanchez Merino	Refresher Course: CT dosimetry and optimization Invited Talk Patient-specific dosimetry in CT G. Solomou Invited Talk CT dose optimization A. Papadakis	Scientific Session: Radiation Protection in Radiotherapy Oral Presentations
12:00-13:00	Special Session Invited Talk The Process, Status And Perspectives of the 2nd ECMP 2018 in Copenhagen J. Edmund, E. Samsøe Hinsby	Scientific Session: Imaging Invited Talk CERN breakthrough technologies for non-invasive, in vivo, image-guided diagnosis E. Dimovasilis	Scientific Session: Radiobiology Oral Presentations

	Radiation Protection in Diagnostic Radiology Oral Presentations	Oral Presentations	
13:00-14:00	Lunch Break		
14:00-15:00	ISRRT Session: Radiographer's Input For Improving A Safety Culture For Medical Imaging and Therapeutic Procedures Truth or Dare: Achieving lower radiation doses in CT E. Agadakos Angiography – Neuro-interventional laboratory procedural safety issues K. Thanassoulas The impact of medical informatics on safety and quality assurance N. Delikanakis Image Guided Radiation Therapy: a safety practice A. Sarchosoglou	Scientific Session: Imaging Invited Talk Fast-field cycling MRI: A new tool for enhanced diagnosis L. Broche Oral Presentations	Scientific Session: Educational and Professional Matters Oral Presentations
15:00-16:00	Scientific Session: Radiation Oncology Invited Talk Fetal dose from radiation therapy M. Mazonakis Oral Presentations	Scientific Session: Imaging Invited Talk Radiation-induced cataracts in staff engaged in interventional procedures M. Rehani Oral Presentations	
16:00-16:30	Coffee Break		
16:30-18:00	ECMP Welcomes Italy: The Italian Group Of Dosimetry In Hadrontherapy: State Of The Art And Future Prospective Advances in dosimetry for hadrontherapy L. Raffaele Organ motion management in scanning ion beams M. Ciocca Towards adaptive therapy with heavy charged particles M. Schwarz	Special Session Gate: A Monte Carlo Code For Imaging And Dosimetry In Medical Physics Introduction to GATE M. Bardies Using GATE for imaging applications G. Loudos Using GATE for radiation therapy applications P. Papadimitroulas Using GATE for teaching Medical Physics - EduGATE M. Bardies	Scientific Session: Radiation Protection in Radiotherapy Oral Presentations

		On-going GATE developments and how to use and contribute to GATE D. Visvikis General discussion	
20:00-24:00	EFOMP Council Dinner (by invitation only)		

Sunday, September 4 th 2016			
TIME	HALL A Eugenides Foundation (Main Auditorium)	HALL B Metropolitan Hotel (Aegean Sea Ballroom)	HALL C Eugenides Foundation (Conference Hall)
08:00-09:00	Refresher Course: Physics, technology and safety of medical lasers Invited Talk Basic Physics and Technology of Medical Lasers M. Manivannan Invited Talk Quality and Safety Management M. Manivannan	Joint EFOMP-MEFOMP Session Quality Control in mammography and Computed Tomography QC in Mammography N. Iqeilan QC in CT V. Tsapaki	
09:00-10:30	Joint EFOMP-ESTRO Session Issues In The Use Of Advanced Nuclear Medicine Techniques For Radiotherapy Applications Issues in accurate PET for target delineation in radiotherapy R. Matheoud Patient-specific dosimetry in molecular radiotherapy: Why and how? M. Bardies Use of PET imaging for functional changes and follow up in radiotherapy E. Malinen	Refresher Course: Radiation incidents and accidents in Diagnostic and Interventional Radiology. What to Do Next? CT M. Mahesh Interventional Radiology V. Tsapaki Pregnant patients J. Damilakis	Scientific Session: Radiation Protection in Diagnostic and Interventional Radiology Oral Presentations
10:30-11:00	Coffee Break		

11:00-12:00	Scientific Session: Radiation Oncology Invited Talk Nanoparticles for radiation therapy enhancement K. Theodorou Oral Presentations	Scientific Session: Imaging Invited Talk X-ray CT dedicated to the breast P. Russo Oral Presentations	Scientific Session: Miscellaneous Oral Presentations
12:00-13:00	Scientific Session: Miscellaneous Invited Talk Automated analysis of ophthalmological images for early signs of diabetic retinopathy P. Sharp Oral Presentations	Scientific Session: Imaging Invited Talk Dual energy CT: Physics and applications K. Perisinakis Oral Presentations	
13:00-14:00	Closing Ceremony/Awards		