MEFOMP MEDICAL PHYSICS CONFERENCE 2025												
			Day 1			Day 2			Day 3			
	Friday, 07 February, 2025		Saturday, 08 February, 2025			Sunday, 09 February, 2025			Monday, 10 February, 2025			
08:00 - 09:00			Registration and Badge Pick up									
09:00 - 09:45		conference Workshops	Opening Ceremony & Group Photo (9:00 - 10:00)			Moderators: Sadek Nehmeh, Hadi Fayad			Moderators: Tarraf Torfeh, Jens Kurth			
			Moderators: Rabih Hammoud, Hassan Kharita			G1 New trends in DL for diagnostic and therapeutic NM (Dimitris Visvikis)			G5 Technology and Clinical Impact (Mustafa El-Sherify)			
09:45 - 10:30			K1: SUNRISE: Collaborative Strategies for Advancing Radiotherapy Access and Quality as a tool for decision makers. Daniel Berger - IAEA			G2 The current status and opportunities of total body PET/CT imaging (Ronald Boellaard)			G6 Medical Physics Cross Specialization in the Era of Radiotheranostics (Osama Mawlawi)			
			K2 Al's double canvass: Crafting art and advancing medical physics (John Damilakis - IOMP President)									
10.00 11.15		Jce	K3 Photon-Counting Detector CT: Is it a game-changer						G7 Towards Theranost	tic Digital Twins of Patie	nts and	
10:30 - 11:15	General	Pre- confere					el patient dose manager	nent for X-ray imaging	Personalization of Radi	iopharmaceutical Thera	pies (Arman Rahmim)	
11:15 -12:00			K4 Towards Trustworthy Al Ecosystems including Foundation Models (Arman Rahmim, University of British Columbia)			(John Damilakis)			G8 SBRT Linac Based	vs. CyberKnife (Mohan	ned Riyas)	
			K5 - Emerging Trends in Medical Physics									
			K6 Kuwait cancer awareness experience			G4- Quantitative SPECT Imaging in the Clinic and for Dosimetry (Dale Bailey)			G9 Proton Therapy: Clinical applications updates (Michael LaRiviere)			
12:00 - 12:15						G4-a Independence in Comprehensive Quality Assurance for			Q & A			
12:15 - 13:15			ga.r.			Radiation Oncology (Sameh Hashim) LUNCH BREAK						
			DR		RT	DR	E&T	RT	NM	E&T	RT	
		sdo	Moderators: Ahmed Subahi David Bradley		Moderators: Amine Khemessi Jailan Alshaikhi	Moderator: Ishmail Badr Mustafa Al-Musawi	Moderators: Aldahlawi Ismail Abdulmajeed Osama Mawlawi	Moderators: Ghada Aldosary Nadir KÜÇÜK	Moderators: Refaat Al Mazrou Dale Baily	Moderators: Eiman Altawheed	Moderators: Usman Muhammad Ali Zaila	
			David Bradley D1		R1	D9	Osama Mawiawi Omar Noor	R11	Dale Baily N9	S1	R20	
10:45 10:45					Tomotherapy Experience:			Linear Accelerator	Use of dosimetry in		Modern Linac QA: From	
13:15 - 13:45		shc	Artificial Intelligence in Diagnostic Radiology (Mannudeep Kalra)		Commissioning concepts and challenges (Mohammed Alaswad)	Patient radiation exposure monitoring beyond DRL's (Jenia Vassileva)		Specification, Acceptance Testing, and Commissioning (Chris	theranostics: From I131 to new therapies such as FAPi therapies or GRPr therapies		One Size Fits All, to Tailored-Center Specific Protocols (Reyan Politics)	
	1-1)	erence Workshops	D2		R2	D10	-	Trauernicht)	(Jens Kurth)		(Bevan Peltier)	
13:45 - 14:15	(PM-1)	×	Cumulative Radiation		New trends in motion management		-	Moderate and ultra	-		Building a Robust Radiation Safety Culture:	
13.45 - 14.15	sions	nce	Dose Patients - Pros and Cons. (M Mahesh)		in RT (Dimitris Visvikis)			Hypofractionated RT in Prostate cancer (Nadeem Pervez)	KCCC Theranostics experience (Sara Murad)	Special Session on Advancing Women's Health	Quality Management Initiatives in Radiation Oncology (Zakiya Al	
	Ś	fere	D3		R3	Special Session on IAEA Remote and	Abstract session	R13	N11	through Radiation Medicine (Dr.Eiman Altawheed - Kuwait Women's Health	Rahbi)	
14:15 - 14:45	I Se	conf	Mammography			Automated Quality Control Program for Radiography and Mammography		Proton Therapy: A Luxury or		Society President) [11th floor _Meeting Room	Needs Assessment of radiotherapy Medical	
	Parallel	6- C	optimization strategies in the UK (Ishmail Badr)		Total Skin Electron Therapy (TSET) (Saad Aldelaijan)	Hassan Kharita (Qatar) Shady Alkhazzam (Qatar) Noura AlRashidi (Kuwait)		a Clinical Necessity in Today's Oncology Centers? (Aidana Shagalakova)	PET Imaging of Brain Tumors (Sadek Nehmeh)	(A+B)]	Physicists in EMRO+Turkey (Iqbal Al Amri)	
	Par	Pre-	D4		R4	Maryam Alhashim (KSA) Amaal Alrasbi (Oman) Riad Shweikani (Syria)		R14	N12		R23	
14:45 - 15:15			MRI: From Cradle to		Total Body Irradiation (TBI):	Ishmail Badr(UK)		Initial experience with proton			Ensuring Patient Safety in	
14.45 - 15.15			Grave (Maryam Alhashim)		Kuwait's Experience (Sheakaa Alobaidli)			therapy: Saudi Particle Therapy Center (Jailan Alshaikhi)	Evaluation of new PET tracers (Ronald Boellaard)		Radiation Therapy: A Risk Assessment Framework (Ali Saker)	
						<u> </u>					R24	
15:15- 15:30		Nuclear Medicine Track (Meeting Room T1" Floor (C))								Ethos with HyperSight imaging: From RTT		
		Diagnostic Radiology Track (Meeting Room 11 th Floor (B))										
15:30 - 15:45			DR	NM	RT	NM	BREAK DR	RT	l			
15:45 - 16:15		sdo	Moderators: Abdelmoneim Sulieman	Moderators: Dimitris Visvikis	Moderators: Bevan Peltier	Moderators: Arman Rahmim	Moderators: Noura Alrashidi	Moderators: Daniel Berger				
			M Mahesh	Mohamed Alkhorayef N1	Chris Trauernicht	Ronald Boellaard	Riad Shwekani D11	Iqbal Al Amri R15				
			Diagnostic Reference	The Role of Novel								
			Levels for CT in Middle East and North Africa (Mannudeep Kalra)	Radiotracers in Enhancing PET Imaging for Precision Medicine	" Rapid Arc Dynamic" A turning point in Arc Therapy (Yassar Rather)	PET acceptance testing and quality assurance: AAPM Task Group 126 Report	Challenges in the Medical Physics in Diagnostic	MR-SIM geoemtric accuracy: NCCCR experience				
				(Osama Mawlawi)		(Osama Mawlawi)	radiology in the Middle East Hassan Kharita (Qatar) Omar Noor (KSA) Ibtesam	(Mojtaba Barzegar)	4			
16:15 - 16:45	(D6	N2	R6 Elekta Evo CT-Based	N6	Al-maskari (Oman) Noura Alrashidi (Kuwait)	R16				
10.10 - 10.40	(PM-2)	ksh			Adaptive Linac (Assoc Prof Bora Tas – Elekta) 20 minutes					r y		
		Vor	Managing skin injuries from flouroscopy-guided interventional procedures	PET standardisation and harmonisation - guidelines - EARL/EANM (Ronald	R7	Y-90 SIRT: Theranostic Radioembolisation for Improved Treatment		Stereotactic Arrhythmia Radioablation (STAR) Technique		o E		
	ion	e V	(Jenia Vassileva)	Boellaard)	Adaptive CT-Based Linac clinical experience of UMC Utrecht Cancer Center (Prof	Planning (Dale Bailey)		(Cristiano Reis)		Ceremony		
	Sessions	conference Workshops			Bas Raaymakers - UMC) 20 minutes				Closing C			
			D7	N3	R8 Clinical Experience with	N7	D12	R17				
16:45 - 17:15	Parallel	00	Radiation incidents and their learning points	Advancement in Brain and Total-Body PET Imaging	Unity MRgRT at the University of Iowa (Prof	Dosimetry deployment in clinical protocols for Lu177	Deep learning image de- noisers: from principles to pictures	Re-irradiation in RT (Nadir KÜÇÜK)		S		
	Pe	Pre-	(Ishmail Badr)	(Sadek Nehmeh)	Daniel Hyer – University of Iowa) 20 minutes	based therapy (Jens Kurth)	(Hamad Darwish)					
47.5			D8	D8 N4	R9 Unity MR-Linac Clinical	N8	D13	R18				
17:15 - 17:45			A Physicist's Perspective:		need for daily MR guidance (Prof Bas Raaymakers -		Collaboration between	Second Primary Cancer after Radiotherapy (Aram Rostami)				
			Overcoming Image Artifacts for Breast	Dosimetry in Theranostics (Jens Kurth)	UMC) 20 minutes	Quantification in PET imaging is it a challenge?	clinical engineering & medical physics in acceptance testing for	R19				
17:45-18:15			Imaging. (Maryam Alhashim)		The Vital Role of Surface guided radiotherapy: Safe, efficient	(Layla Ali)	medical image modalities (Hussein Alsyagh)	Management of Re- irradiation: Essential Insights				
					treatment – experiences of an NHS physicist (Joshua Naylor)			for Medical Physicists. (Ali Zaila)				
17:45 - 18:00				Gala Dinner	Q &	A						
20:30 - 22:30				Gala Dinner								