

Virtual 2021 MEFOMP Medical Physics Conference

5 - 7 April, 2021

Day 1: Monday 5th April, 2021

Session	Time	Speaker	Title of Presentation
Session 1: General 10:00 – 12:00	Session Chair: Dr. Jamila Alswaidi -- Emirates Medical Physics Society		
	10:00 - 10:05	Dr. Meshari Al-Nuaimi	Opening & Welcoming Notes
	10:05 - 10:30	Dr. Huda Al-Naemi	Medical Physics in the Middle East: Current Status
	10:30 - 11:00	Prof. David Bradley	Current and future direction of Radiation Physics in Medicine
	11:00 - 11:30	Ms. Giorgia Loreti	IAEA Support to the Medical Physics Profession
	11:30 - 11:50	Questions and Answers / Break	
11:50 - 12:00	Prof. Carmel Caruana	Book Presentation: Leadership and Challenges in Medical Physics: A Strategic and Robust Approach	
Session 2: Medical Imaging 12:00 – 14:00	Session Chair: Dr. Salem Abu Musleh -- Palestine Medical Physics Society		
	12:00 - 12:30	Dr. Dale Bailey	RetroSPECT: Gallium-67 as a Theranostic Imaging Agent
	12:30 - 13:00	Prof. Osama Mawlawi	Recent Advances in PET/CT and PET/MR Designs
	13:00 - 13:30	Mr. Refaat AlMazrou	NEMA Acceptance Testing Procedures of PET Scanners
	13:30 - 14:00	Questions and Answers / Break	
Session 3: Therapy 14:00 – 16:40	Session Chair: Dr. Zakiya Alrahbi -- Oman Medical Physics Society		
	14:00 - 14:30	Prof. Saiful Huq	Novel Radiotherapy Technologies
	14:30 - 15:00	Dr. Tomas Kron	Dose Calculations in Radiotherapy
	15:00 - 15:30	Dr. Rabih Hammoud	Recent Advances in SGRT
	15:30 - 16:00	Prof. Cem Onal	MRI-Guided Radiotherapy
	16:00 - 16:30	Prof. David Bradley	The Development of High Resolution, Carbon and Glass Dosimetry Systems for Use in Radiotherapy Regimes
	16:30 - 16:40	Questions and Answers and Closing of the Day	

Day 2: Tuesday 6th April, 2021

Session	Time	Speaker	Title of Presentation
Session 1: General 10:00 – 12:00	Session Chair: Dr. Ahmed Subahi -- Saudi Medical Physics Society		
	10:00 - 10:30	Dr. Filip Vanhavere	How to Run Effective Technical Services During COVID-19 Pandemic
	10:30 - 11:00	Dr. Meshari Al-Nuaimi	Radiation Protection and Dosimetry of Eye Lens
	11:00 - 11:30	Dr. Jenia Vassileva	Radiation Protection of Patients: Current Challenges and Actions
	11:30 - 11:50	Questions and Answers / Break	
11:50 - 12:00	Mr. Refaat Al-Mazrou	Book Presentation: Quality Control Procedures of the Gamma Camera, SPECT and SPECT/CT	
Session 2: Therapy 12:00 – 14:00	Session Chair: Dr. Khabbab Almohammed -- Yemen Medical physics society		
	12:00 - 12:30	Dr. Tomas Kron	Size Matters: Radiotherapy for Pediatric and Bariatric Patients
	12:30 - 13:00	Dr. Kathy Willowson	Towards Personalized Dosimetry in Liver SIRT
	13:00 - 13:30	Dr. Daniel A. Mazal	Latest Advancement in Proton Therapy
13:30 - 14:00	Questions and Answers / Break		
Session 3: Medical Imaging 14:00 – 16:40	Session Chair: Dr. Nabil Iqeillan -- Jordan Medical Physics Society		
	14:00 - 14:30	Dr. Abdullah Al-Haj	Establishments of Diagnostic Reference Levels in the Middle East
	14:30 - 15:00	Prof. John Damilakis	Artificial Intelligence in Medical Imaging: Challenges and Opportunities
	15:00 - 15:30	Dr. Lucie Sukupova	Angiographic and Fluoroscopic Systems-QC Protocol
	15:30 - 16:00	Mr. Somanesan	Radiation Safety in Radioembolization with Y90 for Hepatic Carcinoma and Use of Y-90 PET
	16:00 - 16:30	Prof. Nuriye Kucuk	PETMR in Clinical Practice
16:30 - 16:40	Questions and Answers and Closing of the Day		

Day 3: Wednesday 7th April, 2021

Session		Speaker	Title of Presentation
Session 1: General 10:00 – 12:00	Session Chair: Dr. Christoph Trauernicht -- Federation of African Medical Physics Organizations (FAMPO)		
	10:00 - 10:30	Dr. Hassan Kharita	Contribution of Medical Physicists During COVID-19 in the Middle East
	10:30 - 11:00	Mr. Somanesan	Global and Local Impact of COVID-19 on Nuclear Medicine & Radiology Departments - A Local Hospital Response
	11:00 - 11:30	Dr. Filip Vanhavere	New Developments in Personal Dosimetry
	11:30 - 11:50	Questions and Answers / Break	
	11:50 - 12:00	Dr. Hassan Kharita	Book Presentation: Quality Control procedures for Diagnostic X-Ray Equipment
Session 2: Medical Imaging 12:00 – 14:00	Session Chair: Dr. Nabaa Naji -- Iraq Medical Physics Society		
	12:00 - 12:30	Dr. Ishmail Badr	Digital Breast Tomosynthesis including Synthetic 2D Imaging
	12:30 - 13:00	Dr. Yaser Gholami	Update on Radiobiology of Radionuclides
	13:00 - 13:30	Prof. John Damilakis	Precise CT Dosimetry in Diagnosis and Radiotherapy: Why it Matters?
	13:30 - 14:00	Questions and Answers / Break	
Session 3: Therapy 14:00 – 17:05	Session Chair: Dr. Zeina Kattar -- Lebanon Medical Physics Society		
	14:00 - 14:30	Dr. Kathy Willowson	Updates on Radionuclide Therapy and Dosimetry
	14:30 - 15:15	Prof. Saiful Huq	Small Field Dosimetry: An Overview of the Recommendations of IAEA-AAPM
	15:15 - 15:45	Prof. Arun Chougule	Radiobiology from Radium to Particle Therapy
	15:45 - 16:15	Ms. Sabine Bernard	Ethos Therapy, an Adaptive Intelligence Solution
	16:15 - 16:45	Dr. Antonis Kalemis	Latest Developments in Quantitative SPECT/CT
	16:45 - 16:55	Questions and Answers	
	16:55 - 17:05	Dr. Meshari Al-Nuaimi	Conference Closing Remarks

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