

6th International Conference on Radiation Medicine (ICRM2020)

Clinical Applications and Innovative Approaches

Venue: King Faisal Specialist Hospital & Research Centre, and Alfaisal University, Riyadh, Saudi Arabia
06 to 13 February 2020

Thursday, 06 February 2020

Pre-ICRM2020 Courses and Workshops

General Medical Physics Review

8:00–9:00 AM	On-Site Registration Venue: King Faisal Specialist Hospital & Research Centre (RC Room #304)
9:00 - 10:20 AM	Session 1
09:00 – 09:30 AM	Radiation Physics Dr. Belal Mofteh
9:30 – 10:00 AM	Radiation Dosimetry Dr. Shada Wadi-Ramahi
10:00 – 10:20 AM	Q&A All Speakers
10:20 - 10:35 AM	Coffee Break
	Session 2
10:35 – 11:05 AM	Radiation Detection and Measurement Dr. Mehenna Arib
11:05 – 11:35 AM	Radiation Biology Dr. Ghazi Alsbeih
11:35 AM – 12:00 PM	Q&A All Speakers
12:00 – 1:30 PM	Lunch and Prayer time
1:30 – 3:30	Session 3
1:30 – 1:55 PM	X-ray Systems Dr. Fahad Abdulkhalik

1:55 – 2:20 PM	CT & Mammography Mr. Konstantinos Chantzianтониou
2:20 – 2:45 PM	MRI Mr. Konstantinos Chantzianтониou
2:45 – 3:10 PM	Nuclear Medicine Mr. Refaat Al-Mazrou
3:10 – 3:30 PM	Q&A All Speakers
3:30 – 4:00 PM	Prayer and Afternoon break
4:00 – 5:00	Session 4
4:00 – 4:20 PM	Medical Imaging Informatics Mr. Konstantinos Chantzianтониou
4:20 – 4:40 PM	Statistics and Data Analysis Dr. Mehenna Arib
4:40 – 5:00 PM	Q&A All Speakers

Friday, 07 February 2020		
Pre-ICRM2020 Courses and Workshops		
	Imaging Physics Review	Radiotherapy Physics Review
8:00–9:00 AM	On-Site Registration Venue: King Faisal Specialist Hospital & Research Centre (RC Room #304) & BPD Conference Room	
09:00 – 11:30 AM	Session 5	
9:00 – 9:30 AM	X-ray Systems Mr. Fahad Abdulkhaliq	Linear Accelerators: Components and QA Mr. Abdullah Al-Kafi
9:30 – 10:00 AM	Computed Tomography (CT) Mr. Konstantinos Chantzianтониou	Reference Dosimetry (TG-51 & TRS-398) Mr. Mamoun Shehadeh
10:00 – 10:30 AM	X-ray Dosimetry in Projection Imaging and CT Mr. Mahmoud Ahmed	

10:30 – 11:00 AM	Digital Image Processing Mr. Fahad Abdulkhaliq	MU Calculations Mr. Abdullah Al-Kafi
11:30 AM – 12:00 PM	Q&A All Speakers	Q&A All Speakers
12:00 – 01:30 PM	Prayer and Lunch break	
01:30 – 03:30 PM	Session 6	
01:30 – 02:00 PM	Mammography Dr. Adel Mustafa	Radiation Detectors Mr. Umar Mwidu
02:00 – 02:30 PM	MR Signal Localization Dr. Ho-Ling Anthony Liu	Shielding Calculations Dr. Raymond Wu
02:30 – 03:00 PM	Image Quality and Medical Imaging Informatics Mr. Konstantinos Chantzianтониou	Treatment Planning: Algorithms and QA Dr. Waleed Alnajjar
03:00 – 03:30 PM	Q&A All Speakers	Q&A All Speakers
03:30 – 04:00 PM	Prayer and Afternoon Break	
04:00 – 05:30 PM	Session 7	
04:00 – 04:30 PM	Nuclear Medicine - SPECT/CT Mr. Refaat Al-Mazrou	Imaging in Radiotherapy Mr. Ahmad Nobah
04:30 – 05:00 PM	Nuclear Medicine - PET/CT Dr. Mohamed Bayoumi	Brachytherapy Dr. Colin Orton
05:00 – 05:30 PM	Problem Solving Session All Speakers	Problem Solving Session All Speakers

Sunday, 09 February 2020

Pre-ICRM2020 Courses and Workshops

7:00–8:00 AM	On-Site Registration Venue: Alfaisal University									
8:00–10:00 AM	Session 8									
Code	MP	RPS	AI	DIR 1	DIR 2	SSMRT	REM	3DP	3DP	AFU
Activity Type	Symposium	Training Course	Workshop	Workshop	Workshop	Symposium	CEC	Workshop	Workshop	Workshop
Title	MEFOMP Workshop: Physicists in Medicine: Qualifications, Standardizations and Innovations	Radiation Safety Course for Managers	Artificial Intelligence	Writing radiology papers	Dual Energy CT	SSMRT Annual Meeting	Radiation Biology and Biodosimetry	3D Printing	3D Printing	AFU Radiology Education
Venue	CL1- 001	WS1-023A	CL1- 002	B1-038	MS3-005	Auditorium	MS1-024	CL2-002	ML1-001	BG-084
Coordinator	Dr. Shada Wadi-AlRamahi	Dr. Mehenna Arib	Dr. Ahmad Gashgari	Dr. Tarek Eldiasty	Dr. Mohammed F. Mohammed	Mr. Saad Alenezi	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Dr. Waleed Altobaithy	Haroon Javaid
Chairpersons/Moderators	Dr. Soma Somanesan and Mr. Refaat AlMazrou	Dr. Muadh Alasbahi	Dr. Ahmad Gashgari	Dr. Tarek Eldiasty	Dr. Mohammed F. Mohammed	Mr.Saad Alenezi And Miss.Josephine Rayes	Dr. Ghazi Alsbeih and Dr. Khaled AlHadyan	Mr. Ahmad Nobah	Jan Michael Asunan	Nora Alhomidan
8:00 - 8:30 AM		Nuclear Structure and Radioactivity Mr. Omar Noor	from Data Analytics to Artificial Intelligence in Radiation Medicine Dr. Lina Alfantoukh	Writing Radiology Scientific Papers Dr. Tarek Eldiasty	Dual Energy CT Dr. Mohammed F. Mohammed/ Siemens	CT – TAVI Mr.Sameer Al Dulaigan	Welcome Note and Introduction Dr. Ghazi Alsbeih	3D Printing for Beginners (Hands-on) Dr. Francois DeBlois, Mr. Ahmad Nobah,Ms. Sarah Alhazani	3D Liver Segmentation – Philips Jan Michael Asunan	The Learning Outcomes Cascade Workshop
8:30 - 9:00 AM	Medical Physics in the Middle East: Current Status and Future Directions Dr. Meshari AlNuaimi	Interaction of Radiation with Matter Dr. Belal Moftah				MRI Image Analysis of Ischemic Heart Disease Mr.Fayez Al Qarni	Fundamental Radiobiology Dr.Ghazi Alsbeih			
9:00 - 9:30 AM	Medical Physics in the Kingdom of Saudi Arabia: Current Status and Future Directions Mr. Refaat AlMazrou	Radiation Quantities & Units Dr. Abdullah Abuhaimeed				Pediatric FDG PET – CT Miss.Dannah Magbojos	Biological Effects of Ionizing Radiation Dr. Ghazi Alsbeih			
			Basic Imaging Processing and Image Segmentation Using Artificial							

			Intelligence in Radiology Dr. Meteb Alkubeyyer							
9:30 - 09:45 AM	Coffee Break									
9:45 AM - 12:15 PM	Session 9									
Code	MP	RPS	AI	DIR 1	DIR 2	SSMRT	REM	3DP	AFU	
Activity Type	Symposium	Training Course	Workshop	Workshop	Workshop	Symposium	CEC	Workshop	Workshop	
Title	Medical Physics innovations	Radiation Safety Course for Managers	Artificial Intelligence	Diagnostic TAVI	Dual energy CT	SSMRT Annual Meeting	Radiation Biology and Biodosimetry	3D Printing	AFU Radiology Education	
Venue	CL1- 001	WS1-023A	CL1- 002	ML1-001	MS3-005	Auditorium	MS1-024	CL2-002	BG-084	
Coordinator	Dr. Shada Alramahi	Dr. Mehenna Arib	Dr. Ahmad Gashgari	Dr. Abdullah Al jebreen	Dr. Mohammed F. Mohammed	Mr. Saad Alanazi	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Haroon Javaid	
Chairpersons/Moderators	Dr. Meshari AlNuaimi and Mr. Konstantinos Chantziantoniou	Mr. Fareed Mayhoub	Dr. Ahmad Gashgari	Dr. Abdullah Aljebreen	Dr. Mohammed F. Mohammed	Dr.Dhafer Al Ahmari and Mr.Raed Al Butehi	Dr. Ghazi Alsbeih and Dr. Khaled AlHadyan	Mr. Ahmad Nobah	Nora Alhomidan	
9:45 - 10:15 AM	Innovations in Therapy Physics Dr. Daniel Berger	Radiation Detection and Measurements Dr. Abdelmoneim Suleiman	Basic Imaging Processing and Image Segmentation Using Artificial Intelligence in Radiology Dr. Meteb Alkubeyyer	Diagnostic TAVI PHILIPS / Dr. Abdullah Al jebreen	Dual Energy CT Dr. Mohammed F. Mohammed/ Siemens	MRI -T2 Relaxation Time and Fat Fraction Analysis of in VIVO Hepatocellular Carcinoma Dr.Sami Al Ghamdi	Genetic, Including Heritable, Effects of Radiation Dr. Elizabeth Ainsbury	3D Printing for Beginners (Hands-on) Dr. Francois DeBlois, Mr. Ahmad Nobah,Ms. Sarah Alhazani	The Clinical Environment Teaching and Cutting- Edge Technology Workshop	
10:15 - 10:45 AM		Biological Effects of Radiation Dr. Ghazi Alsbeih				New Tracer for Oncology Prof.Stephan Maus				
10:45 - 11:15 AM		Innovations in Imaging Physics Mr. Konstantinos Chantziantoniou				Electrography and Contrast Enhanced US in Focal Liver Lesions Dr.Abdulrahman Al Furaih	Basic Concepts of Ionizing Radiation and Protection Mr.Omar Noor	3D printing Hands-On Clinical Case Workshop (Materialize Software) Dr. Waleed Altobaihy, Dr. Adnan Sheikh		
		Personal Radiation				New Target Radionuclide	Detection Measurements			

	Innovations in Nuclear Medicine and Molecular Imaging Dr. S. Somansen	Dosimetry Devices and Methods Mr. Ibrahim Algain				Therapy Prof.Stephan Maus	and Physical Dose Estimation Dr. Mehenna Arib		Assessment and Evaluation: The Internal Compass Workshop
11:15 - 11:45 AM		Principles of Radiation Protection Dr. Belal Moftah				CT Dual Energy Dr.Abdulrahman Al Mutairi		Biological Dose Estimation Dr. Elizabeth Ainsbury	
11:45AM–12:15 PM		ICRP and International System of Radiation Protection Dr.Madan Rehani				High Field MRI at 7T Using New RF Pulses Prof. Roger Ordidge	National Biodosimetry Laboratory in Saudi Arabia Khaled Al-Hadyan, PhD		
12:15–1:30 PM	Prayer and Lunch Break Venue: Alfaisal University								
1:30–3:30 PM	Session 10								
Code	MP	RPS	DIR 1		DIR 2	SSMRT	REM	3DP	AFU
Activity Type	Symposium	Training Course	Workshop		Workshop	Symposium	CEC	Workshop	Workshop
Title	Qualifications, training and clinical role of medical physicists	Radiation Safety Course for Managers	Thyroid intervention		Defecography	SSMRT Annual Meeting	Radiation Emergency management	3D Printing	AFU Radiology Education
Venue	CL1- 001	WS1-023A	ML1-001		MS3-005	Auditorium	MS1-024	CL2-002	BG-084
Coordinator	Dr. Shada Wadi-AlRamahi	Dr. Mehenna Arib	Dr. Amr Elsaadani		Dr. Metab Alkubeyyer	Mr. Saad Alenezi	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Haroon Javaid
Chairpersons/Moderators	Dr. Iqbal Alamri and Dr. Daniel Berger	Mr. Ibrahim Algain	Dr. Amr Elsaadani		Dr. Metab Alkubeyyer	Dr.Abdulrahman AL Furaih & Mr.Mousa Assiri	Mr. Andrew Friend and Dr.Nasser Shubayr	Mr. Ahmad Nobah	Nora Alhomidan
1:30–2:00 PM	North American Standards on Training and Education and Certification of Medical Physicists Dr.Francois DeBlois	Role and Responsibilities of Radiation Protection Officers Dr. Hossam Donya	Thyroid intervention Dr. Amr Elsaadani		Defecography Dr. Metab Alkubeyyer	AI and Role of Radiographer: Tackling the Challenges of Tomorrow Today Prof.Maryann Hardy	Radiation Emergencies: Scope of the Problem. Dr. Nasser Shubayr	3D Printing in Radiotherapy - Show Cases Mr. Ahmad Nobah, Dr. Francois DeBlois	Basics of Ultrasound
									Approach to Identification and

2:00–2:30 PM	The Qualified Medical Physicist (Qualification & Duties) IAEA Health Series Report No 25 Dr.Waleed AlNajjar	Role of Managers in Setting a Radiation Protection Emergency Plan Dr. Mohammed Bayoumi				MRI – Early Detecting of Brain Injury in Preterm Neonates Using Clinical 3T MRI Dr.Dhafer Al ahmari	Terrorism Perspective and Malicious Act Scenarios. Dr. Nasser Shubayr		Interpretation of Normal Ultrasound
						Small-Group Discussion			
	Training of Medical Physicists: Meeting the Challenges "Residency Programs and IMPCB" Dr. Belal Moftah					CT Lecture Dr.Ali Al haili			
2:30–3:00 PM	Women Medical Physicists in the Region Hanan AlDosari	Protection from External Radiation Hazard Dr. Mehenna Arib				Neonatal Brain Ultrasound Miss.Kholoud Al Shaei	Chemical, Biological, Radiological and Nuclear (CBRN) Defense Mr. Andrew Friend		Approach to Common Pathologies Small-Group Discussion
3:00–3:30 PM	Taking questions from the audience on: Roles of MP, future of MP in the region, and regulations local/regional/international Panel: Meshari AlNuaimi, Refaat Al Mazrou, Daniel Berger, Hanan Al-Dosari	Protection from Internal Radiation Hazard Mr. Omar Noor				CT Brain Perfusion Mr.Rashed Al Ruwais	Psychological Aspects of Radiation Emergencies and Communications Dr. Ayman Barnawi		Large Group Discussion
3:30–4:00 PM	Prayer and Coffee Break								

4:00–5:30 PM	Session 11									
Code	MP	RPS	AI	DIR 1	DIR 2	SSMRT	REM	3DP		AFU
Activity Type	Symposium	Training Course	Workshop	Workshop	Workshop	Symposium	CEC	Workshop		Workshop
Title	Panel Discussion	Radiation Safety Course for Managers	Artificial Intelligence	Venous Access	Elastography	SSMRT Annual Meeting	Radiation Emergency Management	3D Printing	3D Printing	AFU Radiology Education
Venue	CL1- 001	WS1-023A	CL1- 002	ML1-001	MS3-005	Auditorium	MS1-024	CL2-002	B1-038	BG-084
Coordinator	Dr. Shada	Dr. Mehenna	Dr. Ahmad	Dr. Tarek	Dr. Metab	Mr. Saad	Dr. Ghazi	Dr. Burhan Dhar	Mr. Ahmad	Haroon Javaid

	Wadi- AIRamahi	Arib	Gashgari	Eldiasty	Alkubeyyer	Alanazi	Alsbeih		Nobah	
Chairpersons/ Moderators	Dr. Shada Wadi- AIRamahi	Dr. Sahar Mansour	Dr. Ahmad Gashgari	Dr. Tarek Eldiasty	Dr. Metab Alkubeyyer	Dr.Sami Al Ghamdi and Dr.Abdulrah man Al Furaih	Dr. Ghazi Alsbeih and Mr. Ahmad A. Alqahtani	Dr. Burhan Dhar	Dr.Tarek Bait almaal	Nora Alhomidan
4:00-4:30 PM		Radiation Protection in Radiotherapy Dr. Ola Holmberg	How We Can Best Assist the Radiologists with AI Dr. WonChul Bang	Venous Access Dr. Amr Elsaadani	Elastography Dr. Metab Alkubeyyer	RT-OP01: Magbool Alelyani	Major Nuclear Accidents. Dr. Belal Moftah	3D Printing in Prosthetics - Show Cases Dr. Burhan Dhar	VR Visualization Workshop Dr.Tarek Bait almaal, Dr. Abdulrahman Aldakheel. Dr. Saja Alshreef	Basics of MRI
4:30-5:00 PM		Radiation Protection in Diagnostic Radiology / Pregnancy / Pediatric Dr. Madan Rehani	AI Applications in Medical Imaging with Clinical Evidences in Ultrasound Dr. Jay Hah			RT-OP03: Abdullah Al- Hoti	ISO standardizatio n of Biodosimetry Assays. Ms. Maha Alrashdi			Small-Group Discussion
						RT-OP04: Monief Eid				
5:00-5:30 PM		Radiation Protection in Nuclear Medicine Dr. Shahnaz Akil	Accelerating AI-based Medical Imaging on Intel Architecture Mr. Prashant Shah			RT-OP05: Eslam Mamoun	Pertinent conclusions and discussion. Dr. Ghazi Alsbeih			Small-Group Discussion
						RT-OP06: Ahlam Alenezi				

Monday, 10 February 2020

7:00–8:00 AM	On-Site Registration Venue:												
8:00–9:30 AM	Session 12: Continuing Education Courses												
Code	RTMP	DIMP	RPS	AI	RTT	NM	DIR 1	DIR 2	DIR 3	REM	3DP	CE	GT
Activity Type	CEC	CEC	CEC	CEC	CEC	CEC	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	CEC	Workshop	CEC	CEC
Title	Small Field Dosimetry	CT	Radiation Measurem ents	Artificial Intelligenc e	Radiation Therapy	Theranosti c Therapies	Genitourin ary	Pedia	IR	Radiation Emergency Management	3D Printing	Clinical Engineerin g	Scientific Writing & Publishing
Venue	CL1- 001	CL1- 002	WS1-023A	MS2-004	MS2-001D	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-005	BG 087	MS2-001A	B1-038
Coordinato r	Dr. Shada Alramahi	Dr. Shada Alramahi	Dr. Mehenna Arib	Dr. Ahmad Gashgari	Ms. Mona Alturaiki	Dr. Mahmoud Tuli	Dr. Khaled Elsayes	Dr. Faisal Bin Hussain	Dr. Bandar Safar	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Eng. Suliman Alkhrairik	Dr. Edward Devol
Chairperso	Dr. Waleed	Dr.Abdulla	Mr. Fareed	Dr. Ahmad	Mona	Dr	Dr. Fawaz	Dr. Khalid	Dr. Shagran	Dr. Ghazi	Mr. Ahmad	Dr. Ahmed	Dr. Edward

ns/Moderators	Al-Najjar and Mr. Umar Mwidu	h Abu Haimed and Dr. Abdullah Al-dosari	Mayhoub and Ms. Muaadh Alasbahi	Gashgari	Alturaiki & Iqbal Alamry	Abdulraouf Maimani & Dr. Abdulaziz Al-Sugair	Alharbi & Dr. Mamdoh Alobaidy	Alharbi & Dr. Ahmad Alqatie	Binkhamis & Dr. Mohammad Badran	Alsbeih and Dr. Mohammad Alotaibi	Nobah	Althumairi	Devol			
8:00 - 8:25 AM	Physics and Challenges of Small Fields: MV Photon Beams Dr. M.Saiful Huq	Dual Energy CT: Principles and Clinical Applications Dr. Adel Mustafa	Traceability of Measurements Dr. Mehenna Arib	Welcome to AI Track - Program Preview Dr. Ahmad Gashgari	Management of Radiotherapy Patients with Implanted Cardiac Pacemakers and Defibrillators: A Report of the AAPM TG-203 Dr. Siyong Kim	High Dose 131MIBG Therapy in Neuroblastoma Dr. Riyadh AlSalloum	MRI of Uterine Malignancies Dr. Evis Sala	Incidentalomas Dr. Robert Paul Guillerman	Iatrogenic Bleeding Dr. Robert Lewandowski	Basics of Radiopathology Dr. Ghazi Alsbeih	Welcome & Track Review Preview Mr. Ahmad Nobah	Radiology Equipment Selection Methodology Dr. Ahmed Althumairi	Assessing Your Work and Planning its Publication Dr. Edward Devol			
														Basic AI Terminology: AI, ML, & DL Dr. Lina Alfantoukh	PET/MRI in Gynaecological Oncology Dr. Evis Sala	Congenital Lung Malformations and Tumors Dr. Robert Paul Guillerman
				Usage of Ultrasound for Bladder Preparation in RT Patients: (Performance Improvement Project) Alaa Batouk/Elle Tully			I-131 Therapy Guidelines in Differentiated Thyroid Cancer Dr. Mahmoud Tuli	Imaging Update on Bosniak Classification of Cystic Renal Masses Dr. Sadhna Verma	Pediatric Liver masses Dr. Ajaykumar Morani							
KFSH&RC Disease Registries & AI Implementations: KFSH&RC Dr. Maha Al-Eid		Management of Radiotherapy Pregnant Patients Dr. Siyong Kim														
													CT Dosimetry Mr. Konstantinos Chantziantoniou	Dosimetry of Ionizing Radiations Dr. Ghada Koukheer		
Relative Dose		CT Dose Optimization	Theory of Thermoluminescence	Big Data 2.0	Quality Assurance	Discussion										
	8:50-9:15 AM															

9:15–9:30AM	Measurement: Profiles and PDDs Mr. Abdullah Al-Kafi	on for Pediatric and Adults Dr. Adel Mustafa	minescence Dosimetry Dr. Sahar Mansour	(Cognitive Computing) Dr. Faris Abumelha	for Non-radiographic Radiotherapy Localization and Positioning Systems: Report of Task Group 147 RT Vision Example Dr. Siyong Kim		Imaging Update on Prostate MRI and PIRADS v2.1 Dr. Sadhna Verma	Pediatric Gynaecologic Masses Dr. Ajaykumar Morani	Gross Hematuria Caused by Retrograde Nephroureteral Catheter Dr. Kamran Ahrar	Cutaneous Radiation Syndrome (Local Radiation Injury) Dr. Mohammad Alotaibi	3D Printing Clinical Workflow Dr. Adnan Sheikh	Principles of Safety and Performance for Medical Devices and the Role of Standards. Dr. Saleh Altayyar	and Figures Dr. Edward Devol
											Discussion		Writing the First Draft Dr. Edward Devol
	Coffee Break												

9:30-10:00AM	ICRM2020 Opening Ceremony Venue: Princess Haya Bint Turki Auditorium, Alfaisal University, Riyadh, Saudi Arabia			
Recitation of the Holy Quran:Mr. Ahmad Nobah, Senior Medical Physicist King Faisal Specialist Hospital and Research Centre – Gen. Org. Riyadh, Saudi Arabia Opening Remarks:Dr. Belal Mofteh, Chairman, ICRM Organizing Committee King Faisal Specialist Hospital and Research Centre – Gen. Org. Riyadh, Saudi Arabia Welcome Addresses: Dr. Khaled Alkattan Vice President, Administration and Finance Professor and Dean, College of Medicine Alfaisal University, Riyadh, Saudi Arabia Dr. Ola Holmberg, Head of the Radiation Protection of Patients International Atomic Energy Agency Vienna, Austria Patronage Welcome Address:H.E. Dr. Majid Alfayyadh, Chief Executive Officer, King Faisal Specialist Hospital and Research Centre (Gen. Org.) Riyadh, Saudi Arabia ICRM2020 Recognition and Appreciation of Pillars and Pioneers in Radiation Medicine: Dr. Abdullah Alamro Radiation Oncology Pillar and Pioneer Awardee Dr. Ahmad AlBoukai Radiology Pillar and Pioneer Awardee Prof. Saleh Aldamegh Radiology Pillar and Pioneer Awardee Mrs. Josephine Veridiano ICRM Pillar and Pioneer Awardee Dr. Hamad Alsuhaibani Radiology Pillar and Pioneer Awardee Dr. Mahmoud Tuli Nuclear Medicine Pillar and Pioneer Awardee Dr. Abdulkarim Albeteri Medical Physics Pillar and Pioneer Awardee Master of Ceremonies: Mr. Khaled Shami, Public Relations Manager, KFSH&RC-Gen. Org.				
10:00 - 10:15 AM	Group Photos and Exhibition Opening			
10:15 AM-12:15 PM	Session 13: Plenary Keynote Talks Venue: Princess Haya Bint Turki Auditorium, Alfaisal University, Riyadh, Saudi Arabia			
10:15-10:40 AM	Leadership, Mentoring, Advancement and Collaboration; Paving the Road to Success Dr. Khaled Elsayes			
10:40-11:05 AM	Reflections on Success and Failure in Academia Dr. Eric Stern			
11:05 - 11:30 AM	Re-Engineering Radiology in the New World of AI, Radiomics, and Precision Medicine: The Return of the Doctor’s Doctor Dr. Paul J. Chang			

11:30 AM-12:05 PM	3D Printing for Medical Applications Dr. Adnan Sheikh												
12:05 – 12:30 PM	PET-MR in Clinical Practice: Current and Future Perspective Dr. Francesco Fraioli												
12:30 - 01:30 PM	Prayer and Lunch Break										Radiation Oncology Abstracts	Diagnostic and Interventional Radiology Abstracts	
											Room : MS2-001D	Room: MS3-005	

1:30-3:30 PM	Session 14: Parallel Tracks												
Code	RTMP	DIMP	RPS	AI	RTT	NM	DIR 1	DIR 2	DIR 3	REM	3DP	CE	AFU
Activity Type	Parallel Session	Parallel Session	Parallel Session	Parallel Session	Parallel Session	Parallel Session	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	Parallel Session	Parallel Session	Parallel Session	Parallel Session
Title	Small Field Dosimetry	Dosimetry	Radiation Protection and Safety	Artificial Intelligence	Radiation Therapy	Theranostic Therapies	MSK	GIT	Breast	Radiation Emergency Management	3D Printing	Clinical Engineering	AFU Radiology Education
Venue	CL1- 001	CL1- 002	WS1-023A	MS2-004	MS2-001D	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-005	BG 087	MS2-001A	BG084
Coordinator	Dr. Shada Wadi-AIRamahi	Dr. Shada Wadi-AIRamahi	Dr. Mehenna Arib	Dr. Ahmad Gashgari	Ms. Mona Alturaiki	Dr. Mahmoud Tuli	Dr. Khaled Alismail	Dr. Khaled Elsayes	Dr. Nuha Khoumais	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Eng. Suliman Alkhraimik	Haroon Javaid
Chairpersons/Moderators	Mr. Abdullah Al-Kafi and Dr. Rabih Hammoud	Mr. Kostas Chantziantoniou and Dr. Adel Mustafa	Dr. Jameel Hefne, Eng. Akram Almoussa	Dr. Ahmad Gashgari	Mona Alturaiki & Iqbal Alamry	Dr. Saud Al-Enezi & Dr. Abdulrahim Al Suhaili	Dr. Mashael Alshaalan and Dr. Tarek Hegazi	Dr. Ali Aljumaa & Dr. Javed Ahmad	Dr. Abeer Almousa & Dr. Rita Pant	Dr. Elizabeth Ainsbury, Mr. Andrew Friend	Mr. Ahmad Nobah	Eng. Mansour Abulkhair	Nora Alhomidan
1:30-2:00 PM	Introduction to TRS 483: IAEA/AAPM Code of Practice for Dosimetry of Static Small Photon Fields Dr. M. Saiful Huq	Reference Levels for 101 Interventional Procedures Dr. Madan Rehani	Presentation of the Specific Safety Guide SSG-46 – on Medical Use Dr. Ola Holmberg	Preparing your Radiology Practice and IT Department for Big Data and AI Dr. Paul Chang	Implementation of MRI Safety in Radiation Therapy Department Ms. Wafaa Al Onaizi	Ga-68 Radiopharmaceuticals for Positron-Emission Imaging Dr. Stephan Maus	State of the Art Imaging in Osteoarthritis Dr. Ali Guermazi	CT of Bowel Obstruction : What Really Matters Dr. Jorge Soto	Managing the Dense Breast Patient Using the Moseley Approach Dr. Tanya Moseley	Cytogenetic Dose Assessments Dr. Elizabeth Ainsbury	3D Printing Status: North America Dr. Adnan Sheikh	Attributes to The Biomedical/Clinical Engineering Field with Emphasis On Medical Devices Quality Management Systems (ISO 13485:2016) Dr. Ahmad	Basics of X-ray
						PRRT Current Status and Augmentation		CT and MR of Crohn's					Approach to Identification and Interpretation
2:00-2:30 PM		Radiation Dose	The National		Scanning & Treatment				UK breast ca	Iodine Thyroid	3D Printing Application		

4:00-5:30 PM	Session 15: Parallel Tracks											
Code	RTMP	DIMP	RPS	AI	RTT	NM	DIR 1	DIR 2	DIR 3	REM	3DP	AFU
Activity Type	Parallel Session	Parallel Session	Panel Discussions	Parallel Session	Parallel Session	Theranostic Therapies	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	Parallel Session	Abstract Presentation	Workshop
Title	Small Field Dosimetry	Radiology machine QA	Radiation Protection and Safety	Artificial Intelligence	Radiation Therapy	Nuclear Medicine	GIT	Cardiothoracic	MSK	Radiation Emergency Management	3D Printing	AFU Radiology Education
Venue	CL1- 001	CL1- 002	WS1-023A	MS2-004	MS2-001D	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-005	BG 087	BG-084
Coordinator	Dr. Shada Wadi-AIRamahi	Dr. Shada Wadi-AIRamahi	Dr. Mehenna Arib	Dr. Ahmad Gashgari	Ms. Mona Alturaiki	Dr. Mahmoud Tuli	Dr. Khaled Elsayes	Dr. Khaled Alismail	Dr. Abdullah Aljebreen	Dr. Ghazi Alsbeih	Mr. Ahmad Nobah	Haroon Javaid
Chairpersons/ Moderators	Iqbal Alamry and Mr. Mamoun Shehadah	Dr. Habib AISaleh and Mr. Omar Noor	Dr. Madan Rehani, Dr. Ola Holmberg	Dr. Ahmad Gashgari	Mona Alturaiki & Iqbal Alamry	Dr. Mohammed Al-Harbi & Dr. Yassar Assiri	Dr. Mohammad Neimatollah & Dr. Yusuf Alkadhi	Dr. Abdulmalik Aldakhil	Dr. Alsaïd Lotfy Amin and Dr. Saleh Alreshoodi	Musaed Almalki, PhD, Sati Alotaibi, Lt. Colonel	Mr. Ahmad Nobah	Nora Alhomidan
4:00-4:30 PM	Small Field Detectors Mr. Umar Mwidu	Quality Control of Mammograpy Dr. Adel Mustafa	The National Regulation for Importing Medical Equipment and Licensing Eng. Nasser A. Alaboudi	Clinical Research: AI Brain Cancer Research from Pre-operative tumor Segmentation to Outcome Prediction Dr. Michael Perkuhn	Patient Education Material Ms. Haifa Asfor	PET-MR Interesting Cases Dr. Francesco Fraioli	LI-RADS Update Dr. Khaled Elsayes	Imaging of Small Airways Diseases Dr. Eric Stern	Pitfalls in Imaging of Ankle and Foot Dr. Ali Guermazi	Role of the Ministry of Health in the National Plan of Radiation Emergency and Protection (Arabic) Dr. Musaed Almalki	3DP-OP01: Rana Hourani	Basics of Computed Tomography
											3DP-OP02: Ghada Aldosary	Approach to Identification and Interpretation of Normal Brain CT
4:30-5:00 PM	Uncertainties Associated With the Medical Radiation Dosimetry (Calibration, TRS398, Small Beams,....) Dr. Mehenna Arib	Quality Control of Ultrasound Dr. Adel Mustafa	The Saudi Arabia Authorization of Radiation Workers Dr. Awad Alzahrany	Protecting Healthcare Artificial Intelligence Systems:	Oncology Nursing Care Mangayarkarasi Arumugam	General Nuclear Medicine and PET-CT Interesting Cases Dr. Samer Ezziddin	Imaging of Acute Pancreatitis: Imaging Update Dr. Jorge Soto	From Indication to Impression: Cases from Cardiac Reading Room Dr. Hamid Mojibian	Imaging in Occult Fractures Dr. Ali Guermazi	Role of the Civil Defense in Radiation Emergency Management (Arabic). Sati Alotaibi	3DP-OP03: Ezzat Elmoujarkach	Small-Group Discussion
											3DP-OP04: Hossam AL-Assaf	Approach to Common Pathologies

5:00-5:30 PM	Precision Radiation Medicine Using MR/RT Dr. Bora Tas	Quality Control of CT Scanners Mr. Kostas Chantzianтониou	Is The Calibration of Measuring Instruments Mandatory for Radiation Protection? Dr. Mehenna Arib	Cybersecurity Standpoints Dr. Lina Alfantoukh	Stress Management in Radiation Therapy field Ms. Melody Schaefer		MR Cholangiography: Update 2020 Dr. Jorge Soto	Imaging of Blunt Thoracic Trauma Dr. Eric Stern	Commonly Missed Fractures in ER Dr. Adnan Sheikh	Saudi Emergency Response Preparedness Network. Dr. Nasser Shubayr		Small-Group Discussion
				Discussion								Large Group Discussion

Tuesday, 11 February 2020												
7:00–8:00 AM	On-Site Registration Venue: Alfaisal University											
8:00–9:30 AM	Session 16: Continuing Education Courses											
Code	RTMP + RPS	DIMP + SSMRT	AI	NM	DIR 1	DIR 2	DIR 3	REM	RO	CM	CE	GT
Activity Type	CEC	CEC	CEC	CEC	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	CEC	CEC	Workshop	CEC	CEC
Title	Shielding concepts	MR	Artificial Intelligence	Oncology, Neurology and Cardiology	NR	MSK	GUT	Radiation Emergency Management	Radiation Oncology	Change Management	Clinical Engineering	Scientific Writing & Publishing
Venue	WS1-023A	CL1- 002	MS2-004	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-005	MS2-001D	BG084	MS2-001A	B1-038
Coordinator	Dr. Shada Wadi-AIRamahi	Dr. Shada Wadi-AIRamahi	Dr. Ahmad Gashgari	Dr. Mahmoud Tuli	Dr. Husam Almuhaish	Dr. Nuha Khoumais	Dr. Khaled Elsayes	Dr. Ghazi Alsbeih	Dr. Noha Jastaniyah	Dr. Ali Zailae	Mr. Suliman Alkhraïnik	Dr. Edward Devol
Chairpersons/Moderators	Dr. Mehenna Arib Mr. Omar Noor	Dr. Dhafer Alahmari & Dr. Sami Alghamdi	Dr. Ahmad Gashgari	Dr. Mohammed Al-Zayed & Dr. Sahar Al-Sebaie	Dr. Riyadh Alokaili & Dr. Khalid Alahmadi	Dr. Abdulrahman Khawaji & Dr. Bayan Altassan	Dr. Carlos Holguera and Dr. Abdullah Aldosary	Dr. Shahrukh Hashmi and Mr. Andrew Friend	Reem Ajuaimi, Ali Balbaid	Dr. Ali Zailae	Dr. Ahmad Althumairi	Dr. Edward Devol
8:00 - 8:30 AM	Neutron Dose Calculation at Door of Linac Room Dr. Raymond Wu	Principles of MRI Physics Dr. Roger Ordidge	Welcome to AI Track - Program Preview Dr. Ahmad Gashgari/ Mr. Ahmad Nobah	Role of Stromal Fibroblast in Cancer Development and Treatment Dr. Abdelilah Aboussekhra	Artificial Intelligence: Part 1: Primer for Radiologists Dr. Suresh Mukherji	Imaging of Bone Marrow Edema: Trauma and Degenerative Disease Dr. Ali Guermazi	Prostate MRI pitfalls Dr. Sadhna Verma	Medical Management on-site and at Pre-Hospital Levels Dr. Shahrukh Hashmi	Introduction to Oligometastasis: The Oligometastasis Model and Biology of	Change Management Fundamentals (ADKAR). Dr. Ali Zailae	Medical Equipment Retirement Plan (MERP): Proactive Program to Fulfill Medical	Storing, Choosing, and Styling References Dr. Edward Devol

			Applied Healthcare Intelligence: Governance & Use						Oligometastasis Dr. David Roberge		Equipment Replacement Needs Eng. Mansour Abulkhair	
			Cases Dr. Ahmed Abusalah									
8:30 - 9:00 AM	The Use of TADR in the Shielding Calculation and Survey Dr. Raymond Wu	Pulse Sequence Dr. Roger Ordidge	AI in Medical Imaging Mark O'Herlihy	(i) FAPi Radiopharmaceutical (Brief)	Artificial Intelligence: Part 2: Clinical Applications & Roadmap Dr. Suresh Mukherji	Imaging of Bone Marrow in Hematological Malignancies Dr. Ali Guerhazi	Pitfalls of MRI of the Female Pelvis Dr. Evis Sala	Hospital Preparedness and Management of Persons Accidentally Exposed to Ionizing Radiation Dr. Shahrukh Hashmi	Radiobiological Benefits of SBRT Dr. Colin Orton	Explore Change Management Models Mr. Jan Demey	Test Methods for Emerging Technology Dr.Mamdouh S. Aloraefy	Revising the First Draft: Content and Structure Dr. Edward Devol
				(ii) Ac-225 Possible Surrogate for Lu-177 Dr. Stephan Maus	Radio-Genomics of Gliomas: Basic Insight for Radiologists after 2016 WHO Classification Dr. Manzoor Ahmed	Bone Neoplasm Cases Dr. Adnan Sheikh	Pearls and Pitfalls in Imaging of Renal Masses Dr. Khaled Elsayes				Application of Digital Imaging Processing Methods Medical Images Analysis Dr. Yousef Yousef.	
9:00-9:30 AM	Shielding Design and Shielding Survey for Brachytherapy Facilities Dr. Golam Abu Zakaria	Common MRI Artifact Seen in the Clinic Dr. Ho-Ling Anthony Liu	Discussion	FAPi in Clinical Applications Dr. Samer Ezziddin	High Field MRI of MS: Central Vein Sign & More Dr. Manzoor Ahmed	Shoulder and Wrist Trauma Dr. Adnan Sheikh		Medical Response to a Radiation Mass Casualty Event. Mr. Andrew Friend	Patient Selection for Ablative Therapy of Metastatic Disease Dr. David Roberge		Revising the Second Draft: Style Dr. Edward Devol	Preparing The Final Version for Submission, Submitting the Paper and Checking the Proofs Dr. Edward Devol
9:30–9:45 AM	Coffee Break											
9:45 AM-12:15 PM	Session 17: Plenary Keynote Talks Venue: Princess Haya Bint Turki Auditorium, Alfaisal University, Riyadh, Saudi Arabia											
9:45 - 10:10 AM	Radiogenomics for Quantifying Tumour Heterogeneity and Predicting Outcome Dr Evis Sala											

10:10-10:35 AM	Diagnostic Reference Levels (DRLs): The Good, the Bad and the Ugly Dr. Madan Rehani		
10:35 - 11:00 AM	Artificial Intelligence in Radiotherapy: The Start of an Adventure Dr. David Roberge		
11:00 - 11:25 AM	Old and New Approaches in Theranostic Therapies Dr. Samer Ezziddin		
11:25 - 11:50 AM	Intraarticular Corticosteroid Injections: not as Safe as we Thought Dr. Ali Guermazi		
11:50 – 12:15 PM	Doing things differently - Rethinking the Radiology Workforce Dr. Maryann Hardy		
12:15 - 1:30 PM	Prayer and Lunch Break	Radiation Oncology Abstracts	Diagnostic and Interventional Radiology Abstracts
		Room : MS2-001D	Room: MS3-005

1:30-3:30 PM	Session 18: Parallel Tracks											
Code	RTMP	DIMP + SSMRT	DIMP	RPS+ REM	AI	NM	DIR 1	DIR 2	DIR 3	RO	CM	CE
Activity Type	Parallel Session	Parallel Session	Parallel Session	Combined Parallel Session	Parallel Session	Parallel Session	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	Parallel Session	Workshop	Parallel Session
Title	Radiation Therapy Physics	MR	Digital imaging	Radiation Emergency Management and Radiation Protection and Safety	Artificial Intelligence	Oncology, Neurology and Cardiology	IR	Breast	GIT	Radiation Oncology	Change Management	Clinical Engineering
Venue	CL1- 001	CL1- 002	MS2-005	WS1-023A	MS2-004	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-001D	BG-084	MS2-001A
Coordinator	Dr. Shada Wadi-AIRamahi	Dr. Shada Wadi-AIRamahi	Dr. Shada Wadi-AIRamahi	Dr. Ghazi Alsbeih, /Dr. Mehenna Arib	Dr. Ahmad Gashgari	Dr. Mahmoud Tuli	Dr. Bandar Safar	Dr. Khaled Alismail	Dr. Khaled Elsayes	Dr. Noha Jastaniyah	Dr. Ali Zailae	Eng.Suliman Alkhraik
Chairpersons/Mod erators	Dr. Wamied Abdelrahman and Dr. RabiH Hammoud	Dr.Rafaat Mohtasib and Mr.Ahmad Masawi	Mr. Fahad AbdelKhalek and Mr. Mahmoud Ahmad	Dr. Ghazi Alsbeih and Mr. Andrew Friend	Dr. Ahmad Gashgari	Dr. Abdulrahman Al-Hawas & Dr. Ahmed Al-Buali	Dr. Tauqir Rana & Dr. Amr Alsaadani	Dr. Riham Eiada & Dr. Nayef Alhinti	Dr. Badr Almutairi	Abdulaziz al-hamad, Taghreed Hindi	Dr. Ali Zailae	Eng. Mansour Abulkhair

1:30-02:00 PM	Reference Dosimetry in High-Energy Electron Beams Following the Recommendations of IAEA TRS398 Cop Dr. M.Saiful Huq	Quality Management in MRI (ACR Recommendations) Dr. Ho-Ling Anthony Liu	Image Processing in 2D Digital Radiography Dr. Adel Mustafa	Handling of Contaminated Persons in Malicious Events. Mr. Andrew Friend, MA, CEM	Artificial Intelligence and Machine Learning in Radiology : A Reality Check Dr. Paul Chang	PET-MR Neurological Applications Dr. Francesco Fraioli	Best Treatment Options/ HCC, Colorectal Mets Dr. Robert Lewandowski	Multimodality Breast Imaging: Case-based Review Dr. Jessica Leung	Common Errors in Imaging of Non-Traumatic Abdominal Emergencies Dr. Jorge Soto	SABR for Hepatocellular Carcinoma - an overview Dr. Abdullah Al-Suhaibani	Cookbook to Capture Change in Radiology Ms. Sindy Vranckx	3D Modeling of Airflow and Aerosol Deposition in the Existence of Dust Dr. Omar Altwajri
	2:00-2:30 PM	MRI Safety Dr. Roger Ordidge	Digital PET Scanners Dr. Osama Mawlawi	Radiation Accidents Linked to Mishandling of Radioactive Sources: Cases' study Dr.Marc Benderitter		PET/CT Cardiac Applications Dr. Ahmed Fathala	Portal Hypertension/ Venous Interventions and IVC Filters Dr. Robert Lewandowski		CT of Abdominal Trauma: Avoiding Pitfalls Dr. Jorge Soto	SABR for Prostate Cancer - an overview Dr. Yasser Al-Ayed		Recognition of Cardiac Tissues Using K-Means Methods Dr. Tareq Alqahtani
2:30-3:00 PM	Treatment Days, How Would You Compensate ? Dr. Colin Orton	Quantitative MRI Dr. Ho-Ling Anthony Liu	Calibration, Dose Measurement and Uncertainty Calculation Dr. Mehenna Arib	Skin Injuries and High Level of Exposures in the Fluoroscopic Guided Interventional Procedures Dr. Madan Rehani	DISTRIBUTION of AI Models from 2015 to Today to Tomorrow Dr. Ty Vachon	PET-MR in Brain Tumors Dr. Francesco Fraioli	Thermal Ablation for Small Renal Tumors/ Interventions in Lung Cancer Dr. Kamran Ahrar	Imaging of the acute female pelvis Dr. Evis Sala	Gastrointestinal Oncologic Pearls and Pitfalls Dr. Khaled Elsayes	SABR for Lung	Transformation and Strategy at KFSH&RC Dr.Hassan Alrayes	Advanced Technologies in Radiotherapy Mr. Sherif M. Elshimy
						Advances in Cardiac SPECT Dr.						

3:00 – 3:30 PM	QA for MR-Linac Carlos Sandin	Presurgical Functional MRI Dr. Ho-Ling Anthony Liu	Importance of Digital Imaging in 3D Printing: Quality, Segmentation and Processing Mr. Ahmad Nobah	Radiation-Induced Cataract: New ICRP Recommendations and Recent Research Dr. Elizabeth Ainsbury	Factor for Success in Radiology) Dr. Munif Eid	Hussam Elzeftawy	Interventions for Pulmonary Embolism / Abdominal Aortic Aneurysm Endovascular Repair Dr. Kamran Ahrar			Cancer - an overview Dr. Saif Althaqafi	Changing Culture at KFSH&RC Ms. Hanan Alsaif	
					Discussion	PET/CT Vs PET/MR in Lymphoma Dr. Francesco Fraioli						
3:30-4:00 PM	Prayer and Coffee Break											
4:00-5:30 PM					Session 19: Parallel Tracks							
Code	MP		RPS	AI	NM	DIR 1	DIR 2	DIR 3	CE	REM	RO	CM
Activity Type	Abstract Session		Abstract Session	Parallel Session	Parallel Session	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	Parallel Session	Abstract Session	Parallel Session	Workshop
Title	Medical Physics		Radiation Protection and Safety	Artificial Intelligence	Oncology, Neurology and Cardiology	Breast	GUT	Cardiothoracic	Clinical Engineering	Radiation Emergency management	Radiation Oncology	Change Management
Venue	CL1- 001		WS1-023A	MS2-004	MS2-001G	MS1-024	MS3-005	ML1-001	MS2-001A	MS2-005	MS2-001D	BG-084
Coordinator	Dr. Shada Wadi-AlRamahi		Dr. Mehenna Arib	Dr. Ahmad Gashgari	Dr. Mahmoud Tuli	Dr. Nuha Khoumaiss	Dr. Khaled Elsayes	Dr. Abdullah Aljebreen	Eng. Muhammad Fayyaz Uddin	Dr. Ghazi Alsbeih	Dr. Noha Jastaniyah	Dr. Ali Zailae
Chairpersons/Moderators	Dr. Wamied Abelrahman and Dr. Francois DeBlois		Dr. Abdulkadir Alaydarous and Dr. Mehenna Arib	Dr. Ahmad Gashgari	Dr. Abdullah Al-Qarni & Dr. Mohammed Al-Qahtani	Dr.Kousay Latif & Dr. Laila Ashkar	Dr. Mohammad Aljarie & Dr. Mosleh Alraddadi	Dr. Dhaif Al Shwaihi & Dr. Fawaz Skaff	Eng. Muhammad Fayyaz Uddin	Dr. Khaled Alhadyan, Ms. Najla Al-Harbi	Yasser Khafaga, Ameen Al-Omair	Dr. Ali Zailae

4:00-4:30 PM	MP-OP01: Abdulaziz Alanazi	RPS-OP01 : Fouad Maaloul	Clinical Challenges for AI in Oncology Prof. Evis Sala	NM-OP01: Mushref Algarni	Ultrasound-Guided Breast Biopsies – Applications, Tips, and Tricks Dr. Tanya Moseley	Algorithmic approach to characterization of adnexal masses on MRI Dr. Evis Sala	Lung Cancer: Hiding in Plain Sight Dr. Eric Stern	CE-OP01: Nasaim Almualem	REM&RBB-OP01: Hassan AlGhamdi	SABR for Head and Neck Cancer - Re-Irradiation Dr. Hussam Al-Assaf	Symbiosis of Process Improvement and Change Management in Radiology Ms. Sindy Vranckx
	MP-OP02: Fares Al Mayiah			NM-OP02: Mohamed Bayoumi				CE-OP02: Almaha Alkhalidi	REM&RBB-OP02: Najla Al-Harbi		
	MP-OP03: Hanan Aldousari										
4:30-5:00 PM	MP-OP04:Md Akhtaruzzaman	RPS-OP02 Khalid Alyousef	Radiation Knowledge Initiative: Crowd Sourcing Radiotherapy Plans for ML Mr. Ahmad Nobah	NM-OP03: Hossam El-Zeftawt	Imaging Evaluation of Neoadjuvant Therapy Response in Breast Cancer Dr. Jessica Leung	GU Emergencies Dr. Sadhna Verma	Technical and Diagnostic Pitfalls in Cardiac CT and MR Imaging: Recognition and Remedies Dr. Hamid Mojibian	CE-OP03: Muhammad Bota	REM&RBB-OP03:Ashraf Almahwasi	Stereotactic radiation therapy of non-oncologic al disease - brain and beyond Dr. David Roberge	
	MP-OP05:Abdulaziz Alanazi	RPS-OP03: Mohammed Alawi		NM-OP04: Yousif Abdallah				CE-OP04: Mohamed Salah Aoudidi	REM&RBB-OP04: Reema Alzeer		
	MP-OP06:Mohammed AlTowairqi	RPS-OP04: Fouad Maaloul						CE-OP05: Iyad Mobarek	REM&RBB-OP05: Premkumar Saganti		
5:00-5:30 PM	MP-OP07:Wamied Abdel-Rahman	RPS-OP05: Samiah Almutairi	The Moment of Adaptive Intelligence is Now Dr. Machael Stead	NM-OP05: Saud Alenazi	Transitioning to Non-Wire Localizations Dr.Tanya Moseley	Hereditary Renal Cell Carcinoma Vikas Kundra					
	MP-OP08:Md Akhtaruzzaman	RPS-OP06: Ali Alhailiy						CE-OP06: Mohammed Al Towairqi	REM&RBB-OP06: Kamal Haroun		
	MP-OP09:Ahmed Eldib	RPS-OP07: Maged Abdo	Discussion	NM-OP06: Mohamm ed Alqahtani					REM&RBB-OP07: Maha Alrashdi		
	MP-OP10:Tahani O. Almutairi	RPS-OP08: Khaled Shamma		NM-OP07: Mohamed Mostafa				CE-OP07: Hashem Alfadel	REM&RBB-OP08: Mutaman Kehail		
	MP-OP11:Khalid Rabaeh	RPS-OP09: Abdullahi Shittu									
	MP-OP12: Mohammed Al Towairqi	RPS-OP10: Wiam Elshami		NM-OP08: Saja Almustafa					REM&RBB-OP09: Hanady Elfaki		

Wednesday, 12 February 2020

8:00-9:30 AM	Session 20: Continuing Education Courses											
Code	RTMP	DIMP + NM	RPS	AI	DIR 1	DIR 2	DIR 3	REM	RO	CM	CE	GT
Activity Type	CEC	CEC	CEC	CEC	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	CEC	CEC	Workshop	CEC	Workshop
Title	Radiation Therapy Physics	Nuclear Medicine	Radiation Protection and Safety	Artificial Intelligence	Pedia	IR	NR	Radiation Emergency Management and Radiation Protection	Radiation Oncology	Change Management	Clinical Engineering	Scientific Writing & Publishing
Venue	CL1- 001	CL1- 002	WS1-023A	MS2-004	MS1-024	MS3-005	ML1-001	MS2-005	MS2-001D	BG084	MS2-001A	B1-038
Coordinator	Dr. Shada Wadi-AlRamahi	Dr. Shada Wadi-AlRamahi	Dr. Ghazi Alsbeih	Dr. Ahmad Gashgari	Dr. Faisal Bin Hussain	Dr. Bandar Safar	Dr. Husam Almuhaish	Dr. Ghazi Alsbeih	Dr. Noha Jastaniyah	Dr. Ali Zailae	Mr.Suliman Alkhrairik	Dr. Edward Devol
Chairpersons/Moderators	Dr. Camelia Constantinescu and Dr. Daniel Berger	Mr. Refaat AlMazroua and Dr. Osama Mawlawi	Dr. Mehenna Arib		Dr. Khald Almane	Dr. Rafaan Naji Alajmi & Dr. Ahmed Alehaideb	Dr. Mohannad Alsuhaibani & Dr. Manal Jilwan	Dr. Mohamed Alrowaily, Dr. Ghazi Alsbeih	Yaser Bahadir, Ibrahim Al-Otain	Dr. Ali Zailae	Dr. Ahmed Althumairi	Dr. Edward Devol
8:00-8:30 AM	3D Printing in Radiation Therapy Mr. Ahmad Nobah	Patient Dosimetry in Nuclear Medicine Dr. S. Somanesan	Training and Certification of Radiation Safety Officers Dr. Awad Alzahrany	Abstract Presentation	Pediatric Adrenal Masses Dr. Ajaykumar Morani	Principles of Hepatic Angiography/ Science Behind Embolotherapy Dr. Robert Lewandowski	Silence Can Be Golden: How not to Call Normal ... Abnormal” Dr. Suresh K. Mukherji	Overview of Radiation Accidents with Known and Unknown Radiation Sources. Dr. Shada Alramahi	SBRT Brain Metastasis and Surgical Cavity Dr. Ameen Alomair	Persevering Through Change Dr. Khaldoun AlRomaih	Safe Use of Medical Devices at Healthcare Facilities Eng. Naser Alaboudi	Preparing Short Talks and Posters Dr.Edward Devol
						Complex IVC Filter Retrieval/ Vascular Compression Syndromes Dr. Robert Lewandowski	SCCA of the Oral Cavity and Oropharynx: What the Clinicians Need to Know Dr. Suresh K. Mukherji					Writing Review Articles and Book Reviews Dr. Edward Devol
8:30-9:00 AM	How to Prepare a Paper for Publication ? Dr. Colin Orton	Quantification in PET-CT Imaging Dr.Osama Mawlawi	The KFSHRC Radiation Safety Training Course Mr. Omar Noor		Acute Abdomen in Cancer Patients Dr. Ajaykumar Morani	Advanced Techniques for Ablation of Complex Renal	My Pearls & Pitfalls in Neuroradiology Dr. Manzoor Ahmed	Iodine Thyroid Blocking and Other Response Actions During Severe Emergency at Nuclear Power Plant. Dr. Mohamed Alrowaily	SBRT for Spine Metastasis Dr. Majid Al-Ghamdi	The impact of culture change, champions of change, and communication in transformative organizations Dr. Abdullah Hafiz	The Concept of MR-Linac Abdallah Namroqa	Preparing Successful Grant Proposals and Curricula Vitae Dr. Edward Devol
												Overview and Discussion Dr. Edward Devol
9:00-9:30 AM	Guidelines by The AAPM and GEC-ESTRO on	Quality Management in Nuclear Medicine	Academic Training Program			Neonatal Lung Disease Beyond	Tumors/ Ablation of Liver Tumors in Anatomical		Cell Therapy Treatment for Patients with Severe Radiotherapy	SRS for Arteriovenous Malformation Dr. Hussain AlHussain		

9:30 – 9:45 AM	the Use of Innovative Brachytherapy Devices and Applications: Report of Task Group 167 Dr. Golam Abu Zakaria	with Emphasis on PETCT Imaging Dr. S. Somanesan	of Radiation Protection Dr. Esam Banoqitah	Discussion	BPD Dr. Robert Paul Guillermin	y Difficult Locations Dr. Kamran Ahrar	Pitfalls in Head & Neck Imaging Dr. Suresh K. Mukherji	Sequelea: Lesson Learned from The Radiotherapy Accident of Epinal. Dr. Marc Benderitter				
9:30 – 9:45 AM	Coffee Break											

9:45 AM -12:15 PM	Session 21: Plenary Keynote Talks Venue: Princess Haya Bint Turki Auditorium, Alfaisal University, Riyadh, Saudi Arabia
9:45-10:05 AM	The Bonn Call for Actions: Present Status and Future Plans Dr. Ola Holmberg
10:05-10:25 AM	CT of The Head & Neck: Past Present and Future Dr. Suresh Mukherji
10:25-10:45 AM	Pediatric CT Radiation Exposure: Where We Were, and Where We Are Now Dr. Adel Mustafa
10:45-11:05 AM	Molecular Imaging; Current Practice and Future Perspectives Dr. Vikas Kundra
11:05-11:25 AM	Advanced Medical Care for The Management of Radiation Injuries Dr. Marc Benderitter
11:25-11:45 AM	Functional MRI in the Clinic Dr. Ho-Ling Anthony Liu
11:45 AM-12:05 PM	Technology Based Innovation and Efficiency in Healthcare Mr. Jan Demey

12:05-12:20 PM	Closing Ceremony Closing Remarks: Dr. Ali Alzahrani, Executive Director, Research Centre
12:20-1:15 PM	Prayer and Lunch Break
1:00 PM	Bus Pick-up from Alfaisal University to King Faisal Specialist Hospital & Research Centre

1:30-3:30 PM	Session 22: Parallel Tracks			
Code	DIR 1	DIR 2	DIR 3	CM
Activity Type	Imaging Update Track	Radiology Review Track	Imaging Pitfalls Track	Workshop
Title	Cardiothoracic	NR	Pedia	Change Management
Venue	MS1-024	MS3-005	ML1-001	BG-084
Coordinator	Dr. Abdullah Aljebreen	Dr. Husam Almuhaish	Dr. Faisal Bin Hussain	Dr. Ali Zailae
Chairpersons/Moderators	Dr. Faisal Hamad	Dr. Alwaleed S. Alqahtani & Dr. Joti Bhattacharya	Dr. Zehour Al-Sabban	Dr. Ali Zailae
1:30-2:00 PM	Idiopathic Interstitial Pneumonias Update Dr. Eric Stern	CT Perfusion: The Basics Dr. Suresh K. Mukherji	Interesting Cases in Pediatric Imaging Dr. Ajaykumar Morani	Kotter's change management model Mr. Jan Demey
2:00-2:30 PM	Review of Technical Developments and Clinical Guidelines Shaping Future of Cardiac Imaging Hamid Mojibian	5 Pieces of Important Head & Neck Anatomy Dr. Suresh K. Mukherji		
2:30-3:00 PM	Lung Cancer Screening: The Incidentaloma Dr. Eric Stern		Infectious Lung Disease Dr. Robert Paul Guillerman	User involvement in technology Projects: the project coach Mr. Jan Demey
3:00-3:30 PM		Acute Stroke Imaging after 2019 Guidelines: Tubes, Tissue & Time Imaging Dr. Manzoor Ahmed	Pediatric Musculoskeletal Infection Dr. Robert Paul Guillerman	Why I become a Change Agent?; personal experience Ms. Amina Gaddourah
				Importance of change towards happy working environment Mr. Saad Binjamaan

3:30-4:00 PM	Prayer and Coffee Break
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4:00-5:30 PM	Session 23: Parallel Tracks																						
Code	CM																						
Activity Type	Workshop																						
Title	Change Management																						
Venue	BG-084																						
Coordinator	Dr. Ali Zailae																						
Chairpersons/Moderators	Dr. Ali Zailae																						
4:00-4:30 PM	Change Management in Healthcare (Open Discussion) Mr. Jan Demey Dr. Ali Zailae Ms. Hanan Alsaif																						
4:30-4:45 PM																							
4:45-5:00 PM	Closing Dr. Ali Zailae																						

Workshops Session 1 (1:30-3:30 PM)																								
Code	MPW01	MPW03	MPW06	MPW07	MPW09	MPW11	RPW03 A	RPW04 A	RPW05 A	RPW06 A	RPW07 A	ROW02	REW01	RTW02 A	RTW02 B	RTW03 A	RTW03 B	RTW04 A	RTW04 C	RTW05 A	RTW08 A	CEW01	CEW02	RTW13
Activity Type	Worksh op	Worksh op	Workshop	Workshop	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Workshop
Title	External Beam Treatment Planning Using Eclipse	Small Beam Dosimetry	Neutron Dose Calculation At Door Of Linac Room , The Use Of TADR In The Shielding Calculation And Survey	CT QA	Quantific ation In SPECT	Ultrason d QA	Calibratio n Of Radiation Protectio n Instruments	Radiation Detection And Measurement	Personal Dosimetr y	High Dose Dosimetr y	I-131 Therapy Applications And Radioacti ve Contamination	SABR For Oligomet astasis	Radiobiolog y & Biodosimetr y	Upper And Lower Limb Vascular Ultrasou nd 1	Upper And Lower Limb Vascular Ultrasou nd 1	Upper And Lower Limb Vascular Ultrasou nd 2	Upper And Lower Limb Vascular Ultrasou nd 2	Administ ration Of Radiophar macetic al Using A PET - Injector	Administ ration Of Radiophar macetic al Using A PET - Injector	MRI – QC and Safety For Technolo gists	US Pediatric (Transcra nial Doppler)	Cyber Knife: Maintena nce Protocol and system architect ure.	CT Simulator : Equipme nt overview; Key maintena nce protocol.	Automatic Exposure Control in CT
Venue	Dosimetr y room, B1, KACOLD + KACOLD B1 Conferen ce Room	Versa 1, B1, KACOLD	Versa 2, B1, KACOLD	KACOLD,B1 ,CT-sim 1	Room No. 5,Radiolog y departme nt,Main Hospital, KFSH&R C	Brachyther apy /B1/KAC OLD	SSDL,Ba sement Research Centre, KFSH&R C	Conferen ce Room, Basemen t Research Centre, Biomedic al Physics Departme nt	Personal Dosimetr y Laborator y (Room#: B61), Basemen t Research Centre, Biomedic al Physics Departme nt	High Dosimetr y Laborator y (Room#: B39), Basement Research Centre, Biomedic al Physics Departme nt	Nuclear Medicine Hot Lab, Near Research Centre, 1st Floor		Radiation Biology Section, Biomedic al Physics Dept., Research Centre, Basemen t, B29, KFSHRC	US Services - Radiolog y Departme nt, Main Hospital Building, KFSH&R C	US Services - Radiolog y Departme nt, Main Hospital Building, KFSH&R C	US Services - Radiolog y Departme nt, Main Hospital Building, KFSH&R C	US Services - Radiolog y Departme nt, Main Hospital Building, KFSH&R C	Radiolog y Departme nt, North Tower, KFSH&R C	Radiolog y Departme nt, North Tower, KFSH&R C	Radiolog y Departme nt, Main Hospital Building, KFSH&R C	US Services - Radiolog y Departme nt, Main Hospital Building, KFSH&R C	Radiation therapy departme nt, Main Hospital, KFSHRC &RC	B1,KACOLD,KFSH &RC	KFSH&RC

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Coordinator	Osama Hassad and Christine Higby	Mehenna Arib / Shorug Alshammari	Fareed Mayhoub / Musaab Aljuraid	Habib Alsaleh	Refaat AlMazrou /Meshari AlNuaimi	Mona Turaiki	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mohammad Rizwanullah	Najla Al-Harbi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Ruchana Parker	Badriah Al Asmari	Ahmad Masawi	Abeer Al Dossari/ Moudi Al Qasabi	Muhammad Fayyaz Uddin	Muhammad Fayyaz Uddin	Menno Fokke
Faculty	Osama Hassad and Christine Higby	MohammedSaiful Huq / Mehenna Arib	Raymond Wu	Habib Alsaleh Konstantinos Chantziantoniou	Refaat Al Mazrou/Meshari AlNuaimi/ Tahani Almutairi /Abdulwahab	Adel Mustafa / Laila Alsada	Heba Alhumaidan, Hesham Alhamdan	Mr. Omar Noor, Noor Al-Edan	Ibrahim Algain , Shaima Al-Shora	Akram Al Mousa, Jonathan Antonio	Fareed Mahyoub , Celestino Lagarde	Mohammad Rizwanullah	Marc Benderitter / Elizabeth A. Ainsbury/ Khaled Al-Hadyan/Sara Bin Judia/Maha Alrashdi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Ruchana Parker	Badriah Al Asmari	Ahmad Masawi	Abeer Al Dossari/ Moudi Al Qasabi	Muhammad Fayyaz Uddin	Muhammad Fayyaz Uddin	Menno Fokke

3:30-4:00 PM	Prayer and Coffee Break																						
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Workshops Session 2 (4:00-5:50 PM)

Code	ROW03	RTW03C	MPW09	RTW03D	RPW03B	RPW04B	RPW05B	RPW06B	RPW07B	REW01	RTW02C	RTW02D	RTW04B	RTW04D	RTW05B	RTW08B	CEW02	RTW06	RTW14
Activity Type	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop	Workshop
Title	SABR For Prostate Cancer	Upper And Lower Limb Vascular Ultrasound 2	Quantification In SPECT	Upper And Lower Limb Vascular Ultrasound 2	Calibration Of Radiation Protection Instruments	Radiation Detection And Measurement	Personal Dosimetry	High Dose Dosimetry	I-131 Therapy Applications And Radioactive Contamination	Radiobiology & Biodosimetry	Upper And Lower Limb Vascular Ultrasound 1	Upper And Lower Limb Vascular Ultrasound 1	Administration Of Radiopharmaceutical Using A PET - Injector	Administration Of Radiopharmaceutical Using A PET - Injector	MRI – QC and Safety For Technologists	US Pediatric (Transcranial Doppler)	CT Simulator: Equipment overview; Key maintenance protocol.	F-MRI (Language Presurgical Mapping)	How to do multi direction rendering of CT images?
Venue		US Services - Radiology Department, Main Hospital Building, KFSH&RC	Room No. 5,Radiology department, Main Hospital, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	SSDL,Basement Research Centre, KFSH&RC	Conference Room, Basement Research Centre, Biomedical Physics Department	Personal Dosimetry Laboratory (Room#: B61), Basement Research Centre, Biomedical Physics Department	High Dosimetry Laboratory (Room#: B39), Basement Research Centre, Biomedical Physics Department	Nuclear Medicine Hot Lab, Near Research Centre, 1st Floor	Radiation Biology Section, Biomedical Physics Dept., Research Centre, Basement, B29, KFSHRC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	Radiology Department, North Tower, KFSH&RC	Radiology Department, North Tower, KFSH&RC	Radiology Department, Main Hospital Building, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	B1,KACOLD ,KFSH&RC	MRI Suite, B1, KACOLD	KFSH&RC
Coordinator	Yasser Al-Ayed	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Refaat AlMazrou/Meshari AlNuaimi	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Najla Al-Harbi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Mohd Al Saadi and Ali Al Mutairi	Ruchana Parker	Badriah Al Asmari	Ahmad Masawi	Abeer Al Dossari/Moudi Al Qasabi	Muhammad Fayyaz Uddin	Ho-Ling Anthony Liu / Ahmad Masawi/ Abdullah AlHoti	Menno Fokke
Faculty	Yasser Al-Ayed	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Refaat Al Mazrou/Meshari AlNuaimi/ Tahani Almutairi/Abdulwahab	Dr.Abdulrahman Al Furaih and Mona Al Zahrani	Heba Alhumaidan , Hesham Alhamdan	Mr. Omar Noor, Noor Al-Edan	Ibrahim Algain , Shaima Al-Shora	Akram Al Mousa, Jonathan Antonio	Fareed Mahyoub, Celestino Lagarde	Marc Benderitter / Elizabeth A. Ainsbury/Khaled Al-Hadyan/Sara Bin Judia/Maha Alrashdi	Dr.Mohd Al Saadi and Ali Al Mutairi	Dr.Mohd Al Saadi and Ali Al Mutairi	Ruchana Parker	Badriah Al Asmari	Ahmad Masawi	Abeer Al Dossari/Moudi Al Qasabi	Eng. Muhammad Fayyaz Uddin	Ho-Ling Anthony Liu/Ahmad Masawi/ Abdullah AlHoti	Menno Fokke

Thursday, 13 February 2020

Workshops Session 3 (8:00-9:30 AM)

Code	MPW02	MPW04	MPW05	MPW08	MPW10	ROW01	RPW03 C	RPW04 C	RPW05 C	RPW06 C	RPW07 C	REW02	RTW09 A	RTW10 A	RTW11 A	RTW11 B	RTW12 A	RTW12 B	CEW03	MPW12 A	DIW09	DIW10	NMW02	DIW11
Activity Type	Worksh op	Worksh op	Workshop	Workshop	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Worksh op	Workshop
Title	External Beam Treatment Planning Using Monaco	TRS-398: Electron Calibration And Cross Calibration	Cyberknife Planning And QA	ACR PET Testing	Calibration Of Ionization Chambers In Terms Of NDW Using Co-60	Semi-Simultaneous SABR And HDR Brachytherapy In Cervical Cancer	Calibration Of Radiation Protection Instruments	Radiation Detection And Measurement	Personal Dosimetry	High Dose Dosimetry	I-131 Therapy Applications And Radioactive Contamination	Radiation Emergency Drill	CT Neuro – Perfusion Post Processing	PET- Cardiac Post Processing	US Contrast Enhancement	US Contrast Enhancement	US Carotid	US Carotid	Linear Accelerator :Maintenance Protocol and system architecture of advance systems	MRI - QC For Physicists	Tomosynthesis	Review Course for Interventional Radiology Fellows	Advanced application in SPECT-CT	urinary bladder and prostate
Venue	Dosimetry room, B1, KACOLD	Versa 1, B1, KACOLD	CK Planning Room, Radiation Therapy, Main Hospital Building, KFSH&RC	PET-CT room, Research Centre ,KFSH&RC	SSDL,Basement Research Centre, KFSH&RC	Floor 6/KACOLD	SSDL,Basement Research Centre, KFSH&RC	Conference Room, Basement Research Centre, Biomedical Physics Department	Personal Dosimetry Laboratory (Room#: B61), Basement Research Centre, Biomedical Physics Department	High Dosimetry Laboratory (Room#: B39), Basement Research Centre, Biomedical Physics Department	Nuclear Medicine Hot Lab, Near Research Centre, 1st Floor	EMS (Emergency Building), Basement 1 (Ambulance Parking Area), KFSHRC	CT Section - Radiology Department, Main Hospital, KFSH&RC	PET Section- Radiology Department, Main Hospital, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	US Services - Radiology Department, Main Hospital Building, KFSH&RC	B1,KACOLD,KFSH &RC	Radiology Department Main Hospital Building, KFSH&RC	KFSH&RC	KFSH&RC	Room 5, Nuclear Medicine, main hospital, KFSH&RC	KFSH&RC
Coordinator	Vendorsponsored	Shorug Alshammari/ Musaab AlJuraid	M Abdullah Al Kafi	Refaat AlMazrou	Mehenna Arib	Noha Jastanyeh	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mohammad Alotaibi	Philip Khouri	Saleh Shaliah	Manal Mustaf	Manal Mustaf	Abdulaziz Al Shammar i/Abdulaziz AL Shawa	Abdulaziz Al Shammar i/Abdulaziz AL Shawa	Muhammad Fayyaz Uddin	Mahmoud Ahmad	Tanya Moseley	Amr ElSaadany	Mohammed Elwathiq	Dr. Kundra
Faculty	Elekta	MohammedSaiful Huq / Mehenna Arib	Faisal Alzorkany / Abdullah Al Kafi	"Refaat AlMazrou/Meshari AlNuaimi Tahani Almutairi/Osama Mawlawi"	Mehenna Arib	Noha Jastanyeh Shada Wadi-Ramahi Ahmad Nobah Daniel Berger	Heba Alhumaidan, Hesham Alhamdan	Mr. Omar Noor, Noor Al-Edan	Ibrahim Algain , Shaima Al-Shora	Akram Al Mousa, Jonathan Antonio	Fareed Mahyoub , Celestino Lagarde	Ayman Barnawi/ Badis Bououn/ Ghazi Alsbeih	Philip Khouri	Saleh Shaliah	Manal Mustaf	Manal Mustaf	Abdulaziz Al Shammar i/Abdulaziz AL Shawa	Abdulaziz Al Shammar i/Abdulaziz AL Shawa	Muhammad Fayyaz Uddin	Mahmoud Ahmad / Adel Mustafa	Tanya Moseley	Amr ElSaadany	Mohammed Elwathiq	Dr. Kundra

Workshops Session 4 (10:00 AM-12:15 PM)

Code	MPW04	MPW05	MPW08	RPW03D	RPW04D	RPW05D	RPW06D	RPW07D	REW02	MPW14	RTW09B	RTW10B	RTW11C	3DW04	RTW12C	CEW04	RTW15	MPW12A	DIW09	DIW10	NMW01	DIW11
Activity Type	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p	Worksho p
Title	TRS-398: Electron Calibration And Cross Calibration	Cyberknife Planning And QA	ACR PET Testing	Calibration Of Radiation Protection Instruments	Radiation Detection And Measurement	Personal Dosimetry	High Dose Dosimetry	I-131 Therapy Applications And Radioactive Contamination	Radiation Emergency Drill	MR In Radiation Therapy	CT Neuro – Perfusion Post Processing	PET- Cardiac Post Processing	US Contrast Enhancement	3D post Processing of Liver Segmentation	US Carotid	Brachytherapy & X-ray simulator: System design and functional overview	Advanced application in SPECT-CT	MRI - QC For Physicists	Tomosynthesis	Review Course for Interventional Radiology Fellows	Advanced Application in PET-CT	urinary bladder and prostate
Venue	Versa 1, B1, KACOLD	CK Planning Room,	PET-CT room, Research	SSDL,Basement Research	Conference Room, Basement	Personal Dosimetry Laboratory	High Dosimetry Laboratory	Nuclear Medicine Hot Lab,	EMS (Emergency	MRI Suite, B1, KACOLD	CT Section - Radiology	PET Section- Radiology	US Services - Radiology	KFSH&RC	US Services - Radiology	Radiation therapy department	Room 5 (Nuclear Medicine	Radiology Department Main	KFSH&RC	KFSH&RC	PET-CT simulator B1,KACOL	KFSH&RC

		Radiation Therapy, Main Hospital Building, KFSH&RC	Center ,KFSH&RC	Centre, KFSH&RC	Research Centre, Biomedical Physics Department	(Room#: B61), Basement Research Centre, Biomedical Physics Department	(Room#: B39), Basement Research Centre, Biomedical Physics Department	Near Research Centre, 1st Floor	Building), Basement 1 (Ambulance Parking Area), KFSHRC		Department, Main Hospital, KFSH&RC	Department, Main Hospital, KFSH&RC	Department, Main Hospital Building, KFSH&RC		Department, Main Hospital Building, KFSH&RC	t, Main Hospital,K FSHRC&RC	main)	Hospital Building, KFSH&RC			D,KFSH&RC	
Coordinator	Shorug Alshammari/ Musaab AlJuraid	M Abdullah Al Kafi	Refaat AlMazrou	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mehenna Arib	Mohammad Alotaibi	Umar Mwidu /Habib AlSaleh/ Ahmad Qattan /Wafa Alenazi	Philip Khouri	Saleh Shaliah	Manal Mustaf	Nora Alsoraya	Abdulaziz Al Shammari/ Abdulaziz AL Shawa	Muhammadd Fayyaz Uddin	Mohammed Elwathiq	Mahmoud Ahmad	Tanya Moseley	Amr ElSaadany	Mohammed Elwathiq	Dr. Kundra
Faculty	Mohammed Saiful Huq / Mehenna Arib	Faisal Alzorkany / Abdullah Al Kafi	"Refaat AlMazrou/ Meshari AlNuaimi Tahani Almutairi/ Osama Mawlawi"	Heba Alhumaidan, Hesham Alhamdan	Mr. Omar Noor, Noor Al-Edan	Ibrahim Algain , Shaima Al-Shora	Akram Al Mousa, Jonathan Antonio	Fareed Mahyoub, Celestino Lagarde	Ayman Barnawi/Badis Bououn/Ghazi Alsbeih	Umar Muidu	Philip Khouri	Saleh Shaliah	Manal Mustaf	Nora Alsoraya/Jan Asunan	Abdulaziz Al Shammari/ Abdulaziz AL Shawa	Muhammadd Fayyaz Uddin	Mohammed Elwathiq	Mahmoud Ahmad / Adel Mustafa	Tanya Moseley	Amr ElSaadany	Mohammed Elwathiq	Dr. Kundra