



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
مؤسسة عامة Gen. Org.



IAEA
International Atomic Energy Agency



جامعة الفيصل
Alfaisal University



ICRM2020

6th INTERNATIONAL CONFERENCE ON RADIATION MEDICINE

CLINICAL APPLICATIONS AND INNOVATIVE APPROACHES

KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTRE AND AL-FAISAL UNIVERSITY, RIYADH, SAUDI ARABIA

6 - 13 FEBRUARY 2020 | 12 - 19 JUMADA ALTHANI 1441

Program Highlights

Overview:

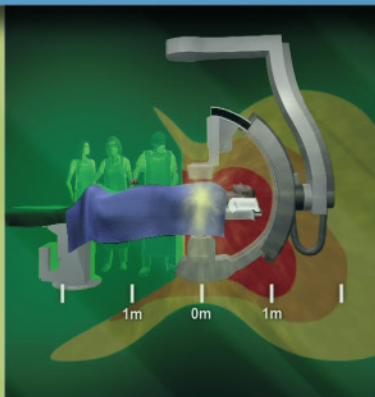
The covers topics related to the clinical practice of medical physics for the 3 specialties. Many lectures are associated with hands-on workshops that expand on the didactic knowledge and illustrates clinical setup and measurements. Look for specialized session themes and days. Many sessions and workshops are multi-disciplinary, combined with other tracks such as Nuclear Medicine, Radiation Oncology, etc ... The MP track is also running a 2-day Medical Physics review course.

Topics:

- Therapy Physics: Focused 1-day for small beam dosimetry with workshop, TRS-398 with workshop, shielding designs and shielding evaluation with workshop, 3D printing and MR in therapy and others
- Imaging and Nuclear medicine physics: focused CT session (including dose optimization for pediatric), dosimetry in imaging (DRL, SSDE, measurement and uncertainty calculation), focused specialized MR session and nuclear medicine focused session
- MEFOMP workshop: Physicists in medicine: Qualifications, standardizations and innovations
- Medical Physics Review Course

Workshops:

- Small beam dosimetry and TRS-398 for electron reference dosimetry
- Neutron measurement survey and TADR calculation
- Various QC workshops on MR, CT and ultrasound
- MR-based HDR brachytherapy planning workshop
- Various Nuclear Medicine workshops
- 3D printing workflow (show case without hands-on)



Medical Physics

Track

Speakers



Abdullah Abuhaimeid, PhD
Assistant Professor
King Abdulaziz City for Science & Technology
Riyadh, Saudi Arabia



Abdullah Al-Kafi, MSc
Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Adel Mustafa, PhD
Chief, Diagnostic Radiology Physics
Yale University
New Haven, Connecticut, USA



Ahmad Nobah, MSc
Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Belal Mofteh, PhD
Chairman, Biomedical Physics Dept
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Camelia Constantinescu, PhD
Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Colin G. Orton, PhD
Professor Emeritus,
Wayne State University
Detroit, Michigan, USA



Daniel Berger, PhD
Radiotherapy Medical Physicist
International Atomic Energy Agency
Vienna, Austria



Fahad Abdulkhalig, MSc
Medical physicist
King Abdulaziz Medical City
Jeddah, Saudi Arabia



Francois DeBlois, PhD
Chief, Physics in Radiation Oncology
Centre Hospitalier Universitaire de Montreal
Montreal, Canada



Ghazi AlSbeih, MD, PhD
Principal Scientist and Head,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Golam Abu Zakaria, PhD
Director, Medical Radiation Physics,
University of Cologne
Koethen, Germany



Ho-Ling Anthony Liu, PhD
Professor, Department of Imaging Physics,
University of Texas MD Anderson Cancer Center
Houston, Texas, USA



Kostas Chantzianiotou, MSc
Consultant Medical Physicist
Johns Hopkins Aramco Healthcare
Dhahran, Saudi Arabia



Madan Rehani, PhD
Director, Global Outreach for Rad. Protection
Massachusetts General Hospital
Boston, MA, USA



Mahmoud Ahmed, PGDip
Health Physicist, RSO
King Faisal Specialist Hospital & RC
Jeddah, Saudi Arabia



Mamdouh Alqathami, PhD
Head, Medical Physics,
King Abdulaziz Medical City
Riyadh, Saudi Arabia



Mamoun Shehadeh, MSc
Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Mehenna Arib, PhD
Chief Health Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Meshari Al-Nuaimi, PhD
Head, Radiation Physics Dept.
Kuwait Cancer Control Centre (KCCC)
Kuwait City, Kuwait



Mohammed Saiful Huq, PhD
Professor & Director,
University of Pittsburgh
Pittsburgh, USA



Osama Mawlawi, PhD
Chief of Nuclear Medicine Physics
University of Texas MD Anderson Cancer Center
Houston, Texas, USA



Raymond Wu, PhD
Chief Executive Officer
IMPCB, Inc.
Phoenix, Arizona, USA



Refaat Al-Mazrou, MSc
Deputy Chairman, Biomedical
Physics Department - KFSGRC
Riyadh, Saudi Arabia



S. Somanesan, PhD
Sr. Principal Radiation Physicist
Singapore General Hospital
Singapore



Shada Wadi-Ramahi, PhD
Chief Medical Physicist
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Siyong Kim, PhD
Professor & Clinical Director,
Virginia Commonwealth University
Richmond, Virginia, USA



Umar Mwidi, MSc
Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



Waleed AL-Najjar, PhD
Adjunct Medical Physicist,
King Faisal Specialist Hospital & RC
Riyadh, Saudi Arabia



52.82
CE HOURS



30 Expected
CME HOURS

Chair: **Shada Wadi-Ramahi, PhD**
Co-Chair: **Adel Mustafa, PhD**

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