



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

9 - 13 FEBRUARY 2020 | 15 - 19 JUMADA ALTHANI 1441

Program Highlights

Overview:

The Radiation Protection and Safety track will provide a forum of discussion for regulators, researchers, operators and radiation protection professionals to share their experiences in applying the internationally recognized systems of radiological protection, to the protection of the workers, the patients, the public and the environment.

The basics of radiation protection and safety and the principles of radiation protection applied in the different branches of medicine including radiotherapy, diagnostic radiology and Nuclear Medicine, will be covered. In addition to attending the theoretical lectures given by international and local experts, the participants will have the opportunity to attend different workshops and perform practical sessions at the KFSHRC facilities.

Workshops:

- Calibration of Protection instruments using Cs-137 source
- Radiation Detection and Measurements
- Personal Dosimetry
- High Dose Dosimetry
- I-131 Therapy Applications and radioactive contamination
- Neutron dose calculation at door of linac room
- The use of TADR in the shielding calculation and survey
- Monte Carlo Simulation using MCNP Code
- Monte Carlo Simulation using Penelope Code



30 EXPECTED
CME HOURS



Speakers



Mehenna Arib, PhD
Chair, Radiation Protection & Safety Scientific Committee
Chief Health Physicist,
Biomedical Physics Dept,
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Madan Rehani, PhD
Director of Global Outreach for
Radiation Protection Program
Chair, Radiation Safety
Committee, Massachusetts
General Hospital
Boston, MA, USA



Raymond Wu, PhD
CEO, The International Medical
Physics Certification Board
Chief of Physics,
A W & W, Inc. Physics
Consulting Medical Physics
Phoenix, Arizona, USA



Golam Abu Zakaria, PhD
Chairman, Medical
Radiation Physics
Gummersbach Teaching
Hospital, University of Cologne
Prof., Biomedical Engineering
University of Applied Sciences
Koethen, Germany



Ola Holmberg, PhD
Head of Radiation Protection
of Patients Unit
International Atomic
Energy Agency,
Vienna, Austria



Abdelmoneim Suleiman, PhD
Professor of Medical Physics,
Consultant Medical Physicist
College of Applied Medical
Sciences, Prince Sattam bin
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Abdulkadir Alaydarous, PhD
Professor of Radiation Physics,
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Abdullah Abuhaimeed, PhD
The National Center for
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Akram AIMoussa, MSc
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Awad Al-Zahrany, PhD
Associate Professor,
Head of Authorization of
Radiation Workers Department
Radiological Regulatory Sector
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Belal Moftah, PhD
Head, Radiation Oncology Physics
Chairman, Biomedical
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Adjunct Professor,
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Fareed Mahyoub, MSc
Head, Radiation Safety Office
Head, Health Physics Section
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Ghazi AISbeih, PhD
Principal Scientist and Head,
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Ibrahim Al-Gain, MSc
Health Physicist,
Biomedical Physics Department
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Ghada Khouqeer, PhD
Assistant Professor of Physics,
Vice-Rector for Knowledge
Exchange & International
Communication of Imam
Muhammad Ibn Saud
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Hossam Donya, PhD
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Jameel A. Hifni, PhD
Manager, Authorization of
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Mahmoud Ahmed, PGDip
Health Physicist,
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Mohamed Bayoumi, PhD
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Chair: **Mehenna Arib, PhD**
Co-Chair: **Fareed Mahyoub, MSc**

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