MEFOMP
Middle East Federation of Organizations of Medical Physics

Newsletter

"The Voice of Middle East Medical Physics"

Volume 1, Issue 12
31 MAR 2022

The President's Message

Dear Colleagues,

It is my great pleasure to address you as the president of MEFOMP and it is an honor to serve in this role for the coming three years. I look forward to working with the new ExCom members and colleagues to improve health care in the region through the physics in medicine.

MEFOMP is a vital platform to harmonize and advance medical physics both in its professional and scientific expression throughout middle east countries.

I would like to take this opportunity to thank and acknowledge the role of the past president Dr. Huda Alneami and past ExCom for their continuous efforts, dedication and real progress accomplished over the last years. It is however important to continue efforts to attain and sustain the required level of quality through continued technical and professional capacity improvements.

In our new strategy, you will see how we are planning to deliver the highest standard of profession al development, effective communication and ensuring sustainability. To relies this strategy will work together to:

- Deliver excellent education, training and research events that meet the needs of the medical physics community
- Ensure effective communication to better motivate, inspire and engage the professional community of medical physicists in the region and around the world.
- Being a trusted and effective voice of the profession requires sustainability taking into account the ability of future medical physics generations to meet their needs.

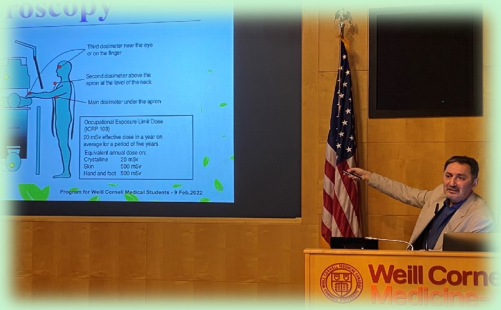
On behalf of the entire MEFOMP ExCom, I commend this strategy to you and look forward to MEFOMP continued growth and success.

Finally, allow me to wish you all a blessed month of Ramadan.

Sincerely,

Dr. Meshari Alnuaimi
President, MEFOMP

Training on Radiation Applications in Medicine for WCM-Q Students - Qatar



Qatar Medical Physics Society (QaMPS) and Medical Physicists in Hamad Medical Corporation (HMC), in co-operation with Weill Cornell Medicine Qatar (WCM-Q), organized a training event for around 50 medical students from WCM-Q. This training consists of series of theoretical lectures delivered by HMC's medical physicists in WCM-Q University on the 9th February, followed by two hands on practical sessions in HMC facilities on 12th & 19th February 2022.

The goal of the training is to introduce medical students to the breadth and depth of the "Radiation Applications in Medicine". The massage delivered to the medical students those medical physicists work with doctors and other members of the healthcare team to ensure the effective delivery and safe use of radiation in diagnostic and therapy.

1st MEFOMP Executive Council Meeting for 2022

Dr. Huda Al-Naemi, Past President of the Middle East Federation of Medical Physics (MEFOMP, 2018-2022) handed over the office to the new MEFOMP President Dr. Meshari Al Nuaimi (2022-2025) at Doha, Qatar meeting last 17th March 2022. The new MEFOMP Executive Council board attended this meeting in person:

Dr. Meshari AlNuaimi, President (Kuwait)
Dr. Huda Al-Naemi, Past President (Qatar)
Dr. Mohammad Hassan Kharita, Vice President (Syria)
Mr. Refat Al Mazrou, Secretary-General (Saudi Arabia)
Mr. Nabil Iqeilan, Chair of Website & Newsletter Committee (Jordan)

The following committees' chairs attended the meeting through online:
Treasurer: **Dr. Rabih Hammoud** (Lebanon)
Science Committee: **Dr. Mustafa Al-Musawi** (Iraq)
Education and Training Committee: **Dr. Riad Shweikani** (Syria)
Professional relations Committee: **Mr. Hitahm Kanan** (Jordan)
Publications Committee: **Dr. Habib Ashoor** (Bahrain)
Awards and Honors Committee: **Dr. Zakyia Alrahbi (**Oman)
Women in Medical Physics Committee: **Dr. Roaa Sindi** (Saudi Arabia)

The meeting focused on the handover from previous to the current ExCom. The Past President, Dr. Huda Al Naemi, wished the new MEFOMP Executive Council all the best for the their term 2022-2025 . She also praised the new members for their competence and strong capabilities.

Dr. Meshari AlNuaimi, President of MEFOMP, said in his speech that he is very grateful to the trust by the Dr. Huda for all the work, achievements, and the establishment of the strong base of MEFOMP.

MEFOMP embraces the power of Social Media

Benefits of social networking platforms have emerged during the last two decades from mere communication to platforms that show the volume of personal data provided by members on their digital networks, making them occupy a large part of people's daily lives. MEFOMP opened different social media accounts to achieve continuous communication, sharing ideas, opinions and experiences, following current events, reading stories, interacting with all publications on the pages of individuals and public figures, marketing various products and services, providing aid and supporting volunteer work, so we can say that it aims to achieve prosperity for mankind and make life more easy and convenient.

Facebook Page:
https://www.facebook.com/mefomp
Instagram Account:
https://instagram.com/mefomp
Twitter Account:
https://twitter.com/mefomp
Linkedin Account
https://www.linkedin.com/company/middle-east-federation-of-medical-physics
Youtube Account:
https://www.youtube.com/channel/UChtOvgCZCae7uqtfOFz49Sg?sub_confirmation

Successful Event: MEFOMP Co-Organizer for the 1st Qatar Molecular Imaging and 9th GNMC

The Middle East Federation of Organizations of Medical Physics (MEFOMP) in cooperation with Hamad Medical Corporation (HMC), hosted the 1st Qatar Molecular Imaging and 9th Gulf Nuclear Medicine Conference from 17 to 19 March 2022 in Doha, Qatar. This conference was co-organized by the MEFOMP and by the Gulf Nuclear Medicine Society (GNMS).

During the inauguration session, Dr. Huda Al Naemi, the MEFOMP past present and the Executive Director of HMC OHS Department, gave an important talk about the MEFOMP and the current status of Medical Physics in the Middle East.

The conference was divided into two tracks:

Main clinical track including Nuclear Medicine (NM) related clinical talks and chaired by Dr. Ghulam Syed

Parallel program for Technologists and Scientists and chaired by Dr. Huda Al Naemi

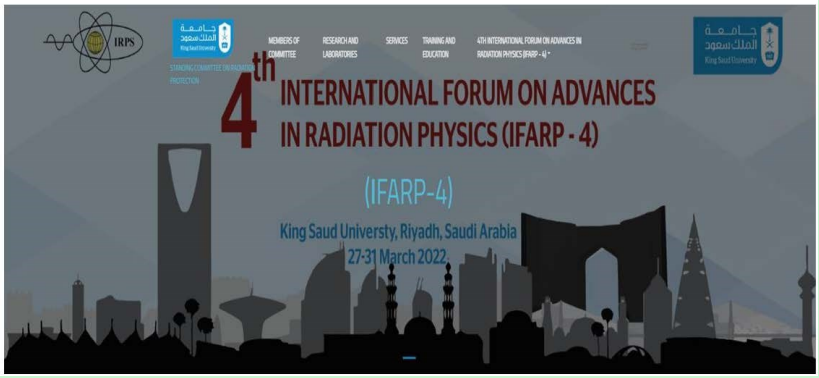
The main clinical track includes many important topics given by international speakers on subjects related to Nuclear Cardiology, Targeted Radiotracer Therapies, General Nuclear Medicine and PET/CT in Oncology.

The parallel program track includes presentations related to NM and PET fundamentals, radiation safety, quality control for NM and PET/CT machines, radiopharmaceuticals production and Quality Control as well as related software developments. International speakers, MEFOMP council and Physicist members were the main speakers for this parallel session.

This conference marked 100 attendees on-site and more than 300 virtual participants. In addition to attendees from the host country, other attendees present include colleagues from Oman, Kuwait, Bahrain, KSA and Jordan. Most of the attendees are Physicians, physicists, radio pharmacists, technologists and nurses.

This successful event was concluded on the 19th of March, 2022 with award distribution for speakers, co-organizers, and sponsors.

MEFOMP participated on The 4th International Forum on Advances in Radiation Physics (IFARP)



International Forum on Advances in Radiation Physics (IFARP-4), 27-31, March 2022 was organized by the standing committee on radiation protection at King Saud University. The Forum was held at King Saud University, located in the heart of Riyadh City, the capital of the Kingdom of Saudi Arabia.

IFARP4 focused on the future while also recognizing the considerable advances made in radiation sciences over the several decades since IRPS aimed to promote the interdisciplinary subject of radiation physics, including the fundamentals, application, and implications. The meeting sessions will include invited lectures by leading experts in their fields, contributed oral papers, and poster presentations of contributed papers.

Attendees had the opportunity to share ideas on the underpinning interactions, the uses of radiation in research, and applications in a great many fields such as biomedical applications of radiation, Monte Carlo methods and models, radiation in environmental sciences, detection of threat material, and contraband, radiation protection, shielding and dosimetry, radiation effects on materials, radiation detection and measurements, and other related topics.

MEFOMP representatives Dr. Meshari AlNuaimi and Dr. Huda Al Naemi shared their expertise by giving lectures about "Personalized Dosimetry in LU177 Radionuclide Therapy" and "Status of Medical physics in the Middle East Countries" respectively.

New Master Program in Medical Physics in Khalifa University - UAE

MEFOMP is pleased to announce that a New Master of Science in Medical Physics started in Khalifa University, the program contains in-depth knowledge and practical experience to educate and train qualified medical physicists in the areas of diagnostic imaging, radiation therapy, nuclear medicine and radiation protection.

The program aims at fulfilling the needs of the country for competent medical physics practitioners. Students will utilize modelling, computer simulation and experimental techniques as tools to analyze and understand different phenomena and processes. Graduates of the MSc will have acquired the advanced level of knowledge and experience to assume a career in hospitals, in other industries and in the government, as well as continuing their studies up to the Doctorate level.
Khalifa University will offer full scholarships to all admitted applicants.

For more information: https://www.ku.ac.ae/program/msc-in-medical-physics
This new Master's program was recently approved by the UAE ministry of higher education after external review by current and old members of CAMPEP committees.

MEFOMP congratulate Khalifa university for the new Master and encourages graduate medical physicists to take this opportunity.