



## MEFOMP presented in 24th Int'l Conference on Medical Physics (ICMP), Santiago, Chile



Santiago de Chile · Wednesday, September 11th, 2019 24 ICMP 8 ALFIM 2 SOFIMECH

The 24th International Conference on Medical Physics (ICMP) has recently been concluded on 11th September 2019, which was held in Santiago, Chile from 8th to 11th September 2019. This is the 8th Latin American Congress of Medical Physics and the 2nd Chilean Congress of Medical Physics. IOMP's International Conference on Medical Physics is usually held between the World Congress on Medical Physics and Biomedical Engineering.

The MEFOMP (Middle East Federation Organizations of Medical Physicists) team lead by Dr. Huda Al Naemi (President) and Dr. Hassan Kharita (Secretary General) participated in the conference. The team shared several posters and presentations about MEFOMP's current activities and future plans, such as the MEFOMP's continuous drive to strengthen medical physics practice through training and education to hone physicist in the region. Conference participants from different regions were inspired and motivated by MEFOMP shared programs and has definitely influenced them.

On the sidelines of the conference, MEFOMP also participated with many side meetings to enhance the cooperation with other regional federations such as European Federation of Organizations for Medical Physics (EFOMP), Asia-Oceania Federation of Organizations for Medical Physics (AFOMP) and FAMPO. One of the other important side meetings are with IAEA and ICTP.



The discussions covered many technical aspects such as Follow-up on Minutes of the last RCB meeting held in Prague during WC2018. The IOMP Strategic Plan Implemented by regional organizations (ROs). Increasing mutual participation and contribution in each other's activities and discussion on How IOMP and ROs can better interface.

## IPEM 2019 Healthcare Gold Medal Award Winner



MEFOMP President, **Dr. Huda Al Naemi** won the prestigious 2019 Healthcare Gold Medal Award from Institute of Physics and Engineering in Medicine (IPEM).

Dr. Huda Al Naemi is directing all Radiation Safety Services in thirteen Hospitals in Hamad Medical Corporation. She has been awarded the State Award of Science in 2017 and she is the Lead Principal Investigator of two Research Projects of Qatar Foundation with grant of more than one Million US Dollars.

IPEM has a commitment to equality and diversity and welcomes applications from all members meeting the criteria as outlined in the regulations for each prize.

IPEM's Gold Medals are awarded annually and are awarded for established professionals who have made outstanding contributions in the area of physics and engineering applied to medicine and biology.

**Healthcare Gold Medal** for outstanding contributions to the advancement of healthcare practice.

**Innovation Gold Medal** for outstanding contribution to innovation resulting in translation into clinical Practice.

**Academic Gold Medal** for outstanding contribution to the advancement of academic practice.



## MEFOMP Medical Physics Course Doha, Qatar



### IMPCB Examinations in Doha, Qatar

**ANNOUNCEMENT**

Workshop  
on  
**Medical Physics**

**20 October - 21 October 2019**  
Medical Education Center, HMC  
**Doha - Qatar**

*"No Registration Fees"*

The Workshop will cover a range of therapy and imaging physics topics of interest to medical physicists. It will precede the International Medical Physics Certification Board (IMPCB) Exams which will take place in Doha from 22-24 October 2019.

**Distinguished speakers:**

1. Dr. Colin Orlan, (USA)
2. Dr. Galam Abu Zakaria, (Germany)
3. Dr. Adel Mustafa, (USA)
4. Dr. Carmelo Cassara, (Malta)
5. Dr. Raymond Wu, (USA)
6. Dr. Tomas Kron, (Australia)

For registration please contact:  
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This serves as an invitation

The International Medical Physics Certification Board (IMPCB) will hold Part I, Part II, and Part III examinations in Doha 22-24 October, 2019. The exam session has the support of the MEFOMP. Immediately before the exams, there will be a Medical Physics Workshop organized by Qatar Medical Physics Society (QaMPS) in cooperation with Hamad Medical Corporation on 20-21 October, 2019. There is a total of 25 confirmed MEFOMP members attending the exam.

The Medical Physics course will precede the IMPCB Exam. The Workshop will cover a range of therapy and imaging physics topics of interest to medical physicists. It will precede the International Medical Physics Certification Board (IMPCB) Exams which will take place in Doha from 22-24 October 2019.

## MEFOMP Workshop in Royal Hospital, Muscat, Oman

In collaboration with the Middle East Federation of Organizations of Medical Physics (MEFOMP), Oman Medical Physics Society and the Royal Hospital will host the 1st MEFOMP workshop on "Medical Physics in Diagnostic Radiology". It will be held on 28<sup>th</sup> to 29<sup>th</sup> September 2019 at National Heart Centre Auditorium, Royal Hospital.

This workshop will have several aims such as to enhance the practice of medical physics in Diagnostic Radiology in the Middle East region, keep up with the continuing global advancement in technology in this field, enrich participants knowledge from an array of experts with vast experience in the field of medical physics, and to harmonize the activities of medical physics in Diagnostic Radiology in Middle East region.

About 10 medical physicists will take part as speakers in this workshop and more than 70 participants are expected to attend.



The Middle East Federation of Organizations of Medical Physics (MEFOMP) in collaboration with Oman Medical Physics Society & The Royal Hospital are organizing

### MEFOMP Workshop on Medical Physics In Diagnostic Radiology

Date: 28th-29th September 2019  
Time: 08:00 - 15:00 hrs  
Venue: National Heart Centre Auditorium, The Royal Hospital,  
Muscat, Oman  
Registration: free



For registration kindly contact the event organizers:

**Dr. Zakia Al Rahbi** (z.alra7bi@gmail.com)  
**Dr. Mohammed Kharita** (MKharita@hamad.qa)

## 1st Arabian Radiotherapy Plan Competition 2019, Dammam, KSA



**Dr. Zakiya Al Rahbi**  
Chief Specialist, Medical Physicist  
National Oncology Centre,  
The Royal Hospital, Muscat.

The Planning Section of Radiation oncology Department, National Oncology Center, Muscat, participated in the 1st Arabian Radiotherapy Plan Competition 2019. The competition was organized by King Fahad Specialist Hospital – Dammam. Sponsored by the Saudi Oncology Society (SOS) and the Saudi Assembly for Radiation Oncology (SARO).

Their selected competition case was a standard risk medulloblastoma for an 8 years' old male patient. The radiotherapy treatment is craniospinal irradiation delivered in two phases. The first phase involves irradiation of the whole brain and spinal cord with a dose of 23.4 Gy in 13 fractions followed by a boost to Operative Bed and Residual with a dose of 30.6 Gy in 17 fractions.

Though it was a challenging competition, the Omani planners participated with seven plans in different plan categories: 3D-CRT, VMAT, IMRT and Hybrid plans (IMRT & VMAT, 3D-CRT & VMAT, 3D-CRT & IMRT & VMAT). They achieved above 800 scores out of 1000 in all categories, except for the 3D-CRT which they got a score of 734.5, which is clinically accepted.

The main aim of the team was to share their knowledge and experience with their fellow competitors. Dr. Zakiya acknowledging the efforts and dedication done by Ms. Fatima AlKindi.

## Enhancing Regional Capabilities and Cooperation among States Parties in Radiological and Nuclear Emergency Preparedness and Response (ARASIA), Seoul, Korea

The workshop duration was taken two weeks workdays. The workshop includes lectures, demonstrations, simulation, role play, and practical sessions followed by discussions with the workshop participants. There was two parts of training, part1 was theoretical lectures and basic knowledge, following by part 2 in second week which are practical and demonstration activities by participants.

In addition, it enhance the workshop by visiting relevant medical emergency response facilities; Instructional design, and consider on Training development and delivery techniques of training the trainer.

The event main objective is To strengthen the ARASIA capabilities in regional emergency preparedness, planning and response.

### **Participants from 8 of the MEFOMP countries:**

**Qatar 4 participants, Syria 3 participants, Iraq 3 participants, Jordan 4 participants, Oman 2 participants, UAE 2 participants, Yemen 1 participant**



*Practical Execution for Medical Physicists Supporting the Response to Nuclear or Radiological Emergencies*

## **Upcoming International Events for 4th Quarter of 2019:**

- European Society for Magnetic Resonance in Medicine and Biology - 36 Annual Scientific Meeting  
03 Oct - 05 Oct 2019, Rotterdam, Netherlands
- EFOMP - European School for Medical Physics Experts (ESMPE) Radiotherapy edition 2019  
10 Oct - 12 Oct, 2019, Warsaw, Poland
- 1st AICI Forum Villach - Artificial Intelligence in Clinical Imaging  
10 Oct - 12 Oct, 2019, Villach, Austria
- EANM'19 – 32nd Annual Congress of the European Association of Nuclear Medicine  
12 Oct - 16 Oct, 2019, Barcelona, Spain
- ESTRO Research Course in Radiotherapy Physics 2019  
03 Nov - 06 Nov, 2019, Madrid, Spain