

5th Annual National Conference Celebration

[Dated: Nov 19th, 2022]

International Day of Medical Physics in Pakistan

Collaboration POMP:

(Pakistan Organization of Medical Physicist)

Organized By:

(Department Of Radiotherapy – Dr. Ziauddin Hospital, Karachi.

Background History:

Since 2013, 7th of November has been internationally celebrated as international day of medical physics (IDMP) in the recognition of Marie Sklodowska- Curie's contribution in the field of radioactivity, who was born on this day 1867 in Poland. Pakistan Organization of Medical Physicists (POMP) was founded in 2012 to promote medical physics community in Pakistan as well as internationally. POMP believes to interact and gather the community of Pakistan's medical physicists (MPs), professionals and students under one umbrella, with this platform aiming to deliver the professional guidelines and important aspect of MPs as associated part of healthcare workforce professional's state by the international labor organization (ILO), classify internationally standard of occupation (ISCO).

This year's theme of the IDMP set by International Organization of Medical Physics (IOMP) is "Medical Physics for Sustainable Healthcare". This annual conference is 5th in a row. The thematic areas of the conference were radiation oncology, nuclear medicine, radiology and medical physics sustainable health care. This year, Dr. Ziauddin Hospital, Karachi hosted this event at their institute for the second time.

Insights Highlights:

Reference to the 5th annual national conference on international day celebration of medical physics (IDMP) on dated Nov 19th, 2022, organized by department of Radiotherapy, Dr. Ziauddin Hospital in collaboration with Pakistan organization of medical physicists (POMP). As to highlights the internationally significant sights of medical physics profession in the subject of "Medical Physics for Sustainable Healthcare", various hospitals professional members, medical physics faculty members of universities, especially the students of physics, Ph.Ds., radiation oncologists, technologists from all over the Pakistan participated in this conference and also presented their research works. This event was recognized by IOMP this year by the combined effort of all medical physicists of Pakistan.

On the day of conference invited professional guest share their remarkable talks to highlights the importance of medical physics and their life time professional experiences as motivation for professionals and students.

The POMP's scientific committee plays a significant role in this conference. Abstracts received from all over the Pakistan were selected by members of the scientific committee for oral presentation and poster competition. This committee also evaluated the poster presentation competition and oral presentation as well.

Every year we present life time achievement awards to honor the services of scientists who have served in promoting the field of medical physics in Pakistan. This year, Mr. Asdar ul Haq, Chief Scientist, Pakistan Atomic Energy Cancer hospital, KIRAN was presented this award.

Chief Guest: Mr. Muhammad Rahman , Member (Executive), one of the two full time members of the Pakistan Nuclear Regulatory Authority (PNRA) and has the overall responsibility of the Executive Wing. The technical directorates including Directorate of Nuclear Safety (NSD), Directorate of Physical Protection and Nuclear Security (PPSD), Directorate of Radiation Safety (RSD) and Directorate of Transport and Waste Safety (WSD) are working under his supervision.

Many other activities related to medical physics and awards were arranged in this event such as; PNRA exhibited their equipment, career counseling booth in which experts counseled and advised students about the future aspects and opportunities, poster presentation competition. Live question answer session with Faiz M. Khan, Ph.D., Professor Emeritus, University of Minnesota Medical School Minneapolis, Minnesota via zoom link. It was a very interactive session because all the participants got the chance to interact with Faiz M. Khan.

Members of organizing team: Dr. Jawaid A. Mallick (Head Cancer Hospital), Mr. Asghar Hussain (Principal Medical Physicist) and their team from Dr. Ziauddin Hospital
Dr. Almas Farhan from CPE department
Mr. Syed Mishkat Ali Jafri from PNRA

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