



Accredited E-learning programs conducted by SCMPCR



Fahim Muhammad Rafiul Islam
Program Officer,
SCMPCR

Technology has advanced so quickly in the modern era that one person can't learn everything in a single room. Everywhere in the world, there are people with diverse knowledge. In South Asia, around 4 billion people reside. While some regions need more educated professionals but have cutting-edge machinery, other places have qualified medical physicists but inferior equipment. SCMPCR has been conducting e-learning programs on various topics as a regular program since the time of covid to maintain equality in these subjects.

About half of all cancer patients receive radiation therapy at some point in their treatment, often as part of potentially curative therapy, and the rest to slow disease progression or for palliation of symptoms. Some in the medical community assumed that radiation therapy would become obsolete, but this has not been the case; in recent decades, the improvements in the techniques and technology of radiation therapy have been stunning. We are grateful to Prof Röntgen and Madame Marie Curie that we can use their great physics discoveries to serve humanity.

Recent advances in radiation technologies have opened the field to new and promising radiation strategies. South Asia Centre for Medical Physics and Cancer Research (SCMPCR) organised its sixth and seventh e-learning program this year to maintain

SCMPCR E-learning

South Asia Centre for Medical Physics and Cancer Research (SCMPCR)

E-learning Program (ELP-07)

Computed Tomography and Interventional Radiology

Panel of Speakers

 Prof. Sanggyung Cho Dept. of Nuclear and Quantum Engineering, KAIST, Korea	 Dr. Dipl.-Ing. Melissa Michalek Sklanja Head of the Department of Medical Physics and Engineering, Sanki Klinikum Offenbach GmbH, Germany	 Prof. Dr. Marc Kachelrieß Dept. -Rays, Division of X-ray Imaging and CT, German Cancer Research Center (DKFZ), Heidelberg, Germany	 Dipl.-Ing. Katherin Erbe University Hospital Frankfurt, Germany
 Prof. Dr. Zhi Yang School of Biomedical Engineering, Capital Medical University, China	 Prof. Dr. Jianjun Bao Radiology Department, Beijing Chongyng Hospital, China	 Dr. Stephan Burke Medical Physics, University Hospital Bonn, Germany	 Prof. Dr. Cynthia H. McCullough Medical Physics and Biomedical Engineering, Director, CT Clinical Innovation Center, USA

Accredited by EBAMP as CPD event for Medical Physicists with 32 CPE

Date: 07 October, 2022 – 08 October, 2022

Time: 9:30 AM (GMT) – 10:30 AM (GMT)

Online Platform: Zoom, Webex, OnDemand

Registration Fees:

- Students- 5 USD
- Professionals- 20 USD
- International (Student/Professionals)- 30 USD
- Professionals- 25 USD

Registration Link: www.scmpcr.org/elp-07/

Payment link: www.scmpcr.org/elp-07/payment/forward

Moderators

 Dr. Lakshmi Eswari Lubis Indonesia	 Ms. Mahesha Jayawardy Sri Lanka	 Mr. Darininda Saharathilake Sri Lanka	 Mr. Fayzan Ahmed Pakistan	 Mr. Fahim Muhammad Bangladesh	 Mr. J. Zhang China	 Dr. Mz Akhtaruzzaman Bangladesh	 Assoc. Prof. Dr. Rafiqul Zaiton Malaysia
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South Asia Centre for Medical Physics and Cancer Research (SCMPCR)

E-learning Program (ELP-06)

Clinical Medical Physics in Modern Radiotherapy

Panel of Speakers

 Elaine Thomas Mathews Product Specialist, Radiation, LAF Group Singapore	 Prof. Dr. Galun Abu Zakaria Professor of Clinical Engineering, Head Institute of Applied Sciences, Caithern, Germany	 Dipl.-Ing. Renate Walker Medical Physics and Radiation Protection Institute, Heinsberg, Germany
 Carole Bahayount Product Manager for Medical Linear Systems Inc, LAF Radiation Therapy	 Dr. Florian Kemp Head of Medical Physics, Department of Radiation Oncology and Cybernetics, University Hospital of Cologne, Germany	 Dipl.-Ing. Kirsten Hienrich Head Medical Physics, Radiation Oncology and Radiation Therapy, Uniklinik Düsseldorf, Germany
 Dipl.-Ing. Volker Stell Head Physics, Department of Radiation Oncology, Heinrich-Heine-University Medical Center, Düsseldorf, Germany	 Prof. Dr. Ansh Chugh Chair and DSH Professor, Head of Radiation Physics, Faculty of Pharmaceutical Sciences, Rajasthan University of Health Sciences (RUHS), India	 Prof. Dr. Suresh Sharma Associate Professor, Head of Medical Physics, IIT Guwahati, Assam, India

Accredited by IOMP as CPD event for Medical Physicists with 20 CPE

Date: 01 July, 2022 – 23 July, 2022

Time: 2:30 PM (GMT) – 3:30PM (GMT)

Online Platform: Zoom, Video Conferencing

Registration Fees:

- Students- 10 USD
- Professionals- 18 USD
- International (Student/Professionals)- 24 USD
- Professionals- 20 USD

Registration Link: www.scmpcr.org/elp-06/

Payment link: www.scmpcr.org/elp-06/payment/4/

Moderators

 Bafiqul Zaman Senior Medical Physicist, Bangladesh	 Nehida Rulana Medical Physicist, Bangladesh	 Jeevamshu Jain Medical Physicist, India	 Deepak Jha Senior Medical Physicist, Nepal	 Bashira Imtiaz Medical Physicist, Pakistan	 Isbara Jayawardy I/O Specialist, Sri Lanka
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Speakers and Moderators

www.scmpcr.org

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this trend of medical physics progress. ELP-6 began on July 1 and ran through July 22. ELP-07 took place from October 7 through October 22. Both were a series of 8 lectures and a group discussion, followed by an online evaluation test. Also, SCMPCR regularly organises e-learning programs, hands-on training, and in-service training.

Unlike other e-learning programs, ours is unique. With accredited programs, we offer group discussion and examination facilities. Young students or medical physicists are allowed to be moderators in these programs so that we can develop the skills of the next generation.

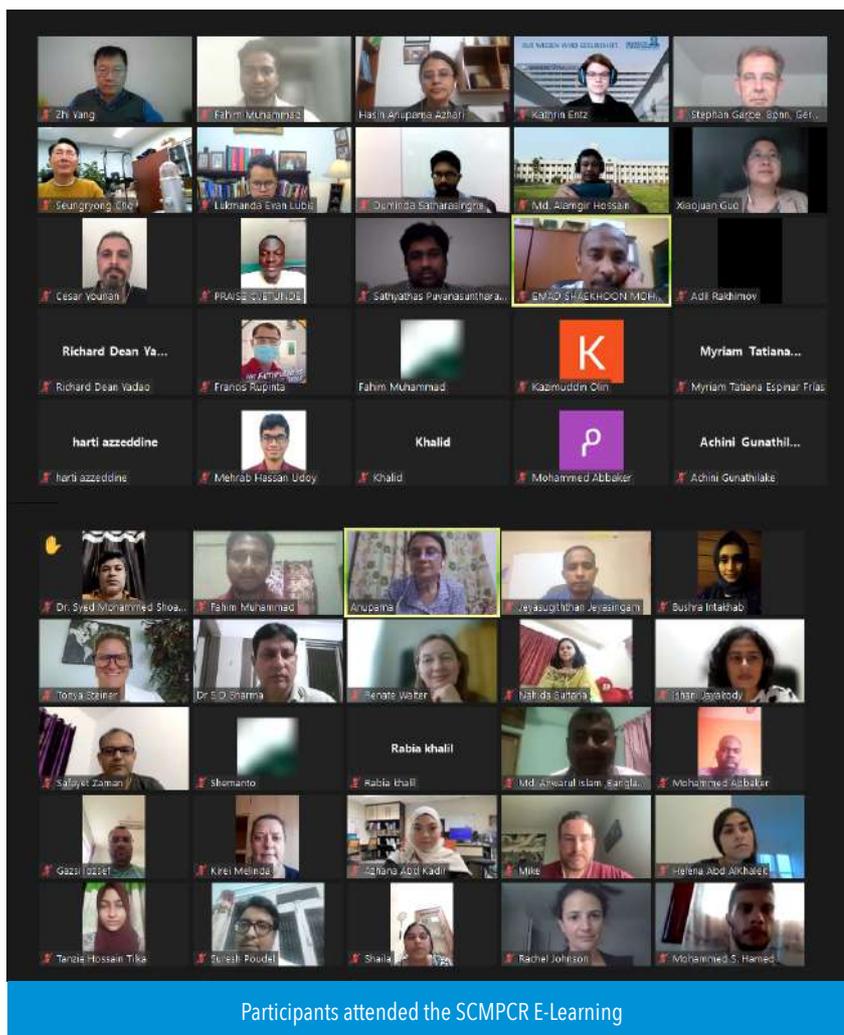
About 144 medical physicists registered for the events worldwide. It was a fantastic chance to earn 20 and 32 CPD points recognised by the International Organisation for Medical Physics (IOMP) and European Board for Accreditation in Medical Physics (EBAMP), respectively.

There were participants from 36 different nations. Out of them, 25 are from Bangladesh, 42 are from India, 5 are from Nepal, and the remainder is from other nations, including Israel, Kosovo, Malaysia, Mexico, Sudan, Morocco, Indonesia, China, United Arab Emirates, China, Sudan, Mexico, Egypt, Cambodia, Lebanon, Singapore, Australia, Colombia, Nigeria, Saudi Arabia, Qatar, Kazakhstan, Palestine, Botswana, Romania, Bulgaria, Hong Kong, Philippines, Slovakia and France.

These ELPs were an absolute delight for the participants; each session was instructive and informative. They had a chance to learn from leading medical physics professionals and engage with many other medical physicists.

Reputable international medical physics experts from several countries delivered their valuable talks here. Prof. Dr. Golam Abu Zakaria inaugurated both programs after his welcome speech.

Apart from 8 classes and exams, we had one group discussion day. Professor Dr. Hasin Anupama Azhari and Dr. Jeyasingam Jeyasugiththan were in charge of program moderation. All the students and most speakers were



Participants attended the SCMPCR E-Learning

present in the group discussion. The students raised all the problems from the previous lectures and they were solved through discussion. Finally, all moderators from previous lectures and some participants shared their experiences.

The evaluation examination for the CDP points was held on July 22 and 28 October 2022. 50 % Marks were the passing marks of the examination. Those who attended the examination and achieved more than 50% marks received a certificate with CPD points. The rest of the participants received the certificate of attendance. Every participant, moderator, as well as speaker enjoyed the courses.

In order to enhance the caliber of our programs, we also solicit feedback from all speakers and participants after each session. We strive to develop future leaders along with QMP to enhance skills in all areas. We promote education that is accessible and of a good standard.

Radiation therapy is currently crucial in treating cancer patients because it is one of the major causes of death worldwide. With as little harm to surrounding healthy tissue as possible, radiotherapy aims to deliver a carefully calculated radiation dose to a predetermined tumour volume.

SCMPCR is working nonstop to educate Medical Physicists and Radiotherapists throughout the world. It also offers different in-service training facilities and hands-on workshops in addition to these online learning opportunities. SCMPCR also strives to constantly empower populations involved with cancer for health benefits in keeping with SDG goal 3 of ensuring health and well-being for everyone by 2030.