The 17th Asia-Oceania Congress of Medical Physics and the 38th Annual Conference of Association of Medical Physicists of India (AOCMP-AMPICON 2017) was organized and hosted by the Department of Radiological Physics, SMS Medical College and Hospitals Jaipur, Rajasthan along with the Association of Medical Physicists of India (AMPI), the Asia-Oceania Federation of Organizations for Medical Physics (AFOMP) and the International Organization for Medical Physics (IOMP) with co-sponsorship and endorsement from the American Association of Physicists in Medicine (AAPM), the International Centre for Theoretical Physics (ICTP) and the Middle East Federation of Organizations of Medical Physics (MEFOMP) from 4th to 7th November, 2017. Also, IOMP officially held the 5th International Day of Medical Physics (IDMP) celebrations in Jaipur on the 7th day of November as part of the AOCMP-AMPICON 2017.

More than 850 delegates from over 30 countries participated and this was the first time AOCMP being held in India. The theme of the conference was “Advances in Medical Physics: Shaping the future of modern healthcare”, aiming to promote the interdisciplinary research at global level. Medical Physics professionals from across the world have actively involved and contributed towards the success of the conference. The total number of visits to the conference website (aocmp-ampicon2017.org) was more than three lakhs.

Dr Raja Babu Panwar, Honourable Vice Chancellor, Rajasthan University of Health Sciences (RUHS), Jaipur inaugurated the conference. The AFOMP newsletter, Souvenir and abstract book of the conference and the Medical Physics Gazette were released during the inaugural function.

The scientific sessions played a vital role in disseminating knowledge and provided the optimal platform to discuss new avenues in Medical Physics. The conference focused also on the new emerging trends in Medical Physics, Radiotherapy, Nuclear Medicine, Diagnostic Radiology, Biophysics, Biomedical engineering, Radiobiology, Radiation safety and regulations, Medical Physics training and education. The key scientific sessions of the conference were the following:

- Proton & Heavy ion Therapy
- Modern Medical Imaging
- Affordable therapy technologies
- Advanced Medical Research
- Monte Carlo & Special Algorithms
- Latest CT Technologies
- Electron Beam Therapy & Special Procedures
- High Tech Radiotherapy and challenges
- Radiation incidents and accidents in medicine
- Nuclear Medicine & Radiobiology
- Radiological and Nuclear Emergencies
- Brachytherapy
- Modern RT Techniques & Planning
- New Developments in Photon Brachytherapy
- Dosimetry and Quality Assurance
This International conference provided a perfect forum to fulfil the objective, foster knowledge up gradation and encourage exchange of ideas. The comprehensive scientific programme included 42 sessions comprising 1 Oration, 1 keynote presentation, 37 invited talks, 90 oral papers, 257 posters, 2 panel discussions, 30 mini-symposiums talks, 12 IOMP School talks, 4 CMPI teaching talks, 13 IDMP talks, 3 Trade talks and 1 Lunch symposium. The scientific proceedings of the congress have been published as the Journal of Medical Physics (JMP) special abstract issue November 2017. (Available at: www.jmp.org.in)

To impart social awareness of the role of Medical Physics in healthcare, the International Organization for Medical Physics (IOMP) celebrates the International Day of Medical Physics (IDMP) on November 7 annually in recognition of the pioneering research work on radioactivity by Madame Marie Sklodowska Curie. On 7th November 2017, the 150th birthday of Madam Marie Curie, the 5th International Day of Medical Physics was celebrated at Jaipur with the theme ‘Medical Physics: Providing a Holistic Approach to Women Patients and Women Staff Safety in Radiation Medicine’. The social and scientific deliberations including a public awareness rally provided the opportunity to understand and tackle the concerns and hazards of the use of ionizing radiation in healthcare from women's perspective. The IDMP rally and the scientific deliberations were live webcasted internationally by the IOMP from Jaipur along with the live webcasts from the IAEA and the WHO in addition to the local and national printed, electronic and social media coverage.

Various awards and grants including IOMP-IDMP awards, AFOMP awards, AMPI awards and ICTP grants were distributed.

We gratefully acknowledges the active participation, cooperation and support of the organizations AFOMP, AMPI, IOMP, AAPM, ICTP, MEFOMP, EFOMP, AROI and IPEM and all individuals involved in this conference.