

PREFACE • OPEN ACCESS

Preface

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Preface

The National Seminar on Medical Physics (NSMP) is a scientific conference organised every two years by the Malaysian Association of Medical Physics (MAMP). Its purpose is to provide a platform for researchers, medical physicists and clinicians from Malaysia and surrounding nations to discuss recent advances of research and development in medical imaging and radiotherapy.

NSMP 2014, the 9th national medical physics conference was held in Marriott Hotel, Putrajaya, Malaysia on 5 April 2014. The conference was organised in parallel to the College of Radiology (COR) Malaysia Scientific Meeting. The theme for the 9th NSMP is "Advances in Multidisciplinary Research and Clinical Practice".

About 65 participants from universities and hospitals participated in the conference. 17 oral contributions and 12 posters were presented at the conference. We had three invited lectures at the conference; two of the lectures were presented by international experts on state-of-the-art medical imaging and radiotherapy. The lectures were:

- "Hybrid imaging: research and clinical practice" by Prof David Townsend, A*STAR-National University Singapore Clinical Imaging Research Centre
- "Outline of treatment planning for carbon-ion radiotherapy" by Dr Nobuyuki Kanematsu, National Institute of Radiological Sciences, Japan
- "Implementing medical physics clinical training programme in Malaysia: challenges and experiences" by Dr Noriah Jamal, Malaysian Nuclear Agency

Many thanks to all invited speakers for their participation and to the Organising Committee members for all their hard work in making the conference happen. Thanks to all who submitted an abstract and making this a successful conference. The Scientific Committee members and reviewers are also thanked for reviewing the submitted manuscripts and improve the scientific quality of this proceedings. Finally, thanks to all who attended the conference and the sponsors for their financial support.

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The proceedings consists of 22 manuscripts, organised into five different topics; medical imaging, nuclear medicine, radiation therapy, radiation protection and dosimetry, and biomedical engineering. All papers published in this volume of Journal of Physics: Conference Series have been peer reviewed through processes administered by the proceedings Editors. Reviews were conducted by expert referees to the professional and scientific standards expected of a proceedings journal published by IOP Publishing. We would like to thank all authors and reviewers for their contribution to this proceedings.

We look forward to seeing everyone in 2016 for the 10th anniversary.

Editors, Proceedings of NSMP 2014

Hafiz M Zin, Universiti Sains Malaysia
Ahmad Taufek Abdul Rahman, Universiti Teknologi MARA
Nahrizul Adib Kadri, University of Malaya
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Malaysian Association of Medical Physics
Advanced Medical & Dental Institute
Universiti Sains Malaysia
Bertam
13200 Kepala Batas
Pulau Pinang
Malaysia
Web: <https://sites.google.com/site/mampwebsite/>