

# Preface

This is the proceedings for the International Conference of Applied Physics and Engineering 2014 (ICAPE 2014), and we are delighted that after careful review by experts 30 papers are selected in this volume. The conference was successfully held in PARKROYAL Penang Resort Hotel, Penang, Malaysia on 17th-18th September 2014. ICAPE 2014 is jointly organized with International Conference on Chemistry and Environmental Sciences Research (ICCESR 2014), 5th International Conference on Science and Technology (ICSTIE 2014) and International Conference on Pharmaceutical, Medical & Environmental Health Sciences (IPHarME 2014). These joint conferences will be a very successful conference, gathering over 200 participants and with ICAPE2014 contributing for about 30 participants.

The papers presented are the result of the latest research work of scientists in the areas of Applied Physics and Engineering. This conference provides opportunities for the delegates in different areas of research to exchange ideas and experiences in person, to establish business or research relations and to find global partners for future collaboration.

The opening keynote lecture of the conference is given by YBhg. Profesor Dato' Dr. Abu Bakar Abdul Majeed, Assistant Vice Chancellor (Research) at Universiti Teknologi Mara Malaysia. His research is in three major areas, namely bioethics, neuroscience and drug delivery. The second keynote lecture is by Prof. Dr. Hamidi Abdul Aziz from School of Civil Engineering, Universiti Sains Malaysia (USM) on title Challenges in Waste Management Practices in Developing Countries.

We would like to thank the many people who have contributed to the success of the conference, especially Dr. Nor Aziyah Bakhari, Head of Science and Technology Division, UiTM Pulau Pinang for the inspiration of holding the joint conferences. Our sincere thanks goes to our sponsors and also to the participants of the conference. We would also like to express our gratitude to all the members of the Organizing Committee for the efforts they have made before and during the conference. We look forward to meeting you all in the next ICAPE conference.

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