



EDITORIAL NOTE

29th Symposium of Malaysian Chemical Engineers (SOMChE) 2016 was held in Miri Marriott Resort & Spa, Miri, Sarawak, Malaysia from 1st to 3rd December 2016. This symposium was jointly co-organised by Department of Chemical Engineering, Curtin University Malaysia and Institution of Chemical Engineers (IChemE), Malaysia. The theme of SOMChE 2016 is “Engineering Solutions for Sustainable Development”. Population growth and industrial development place increasing pressures on the available resources contributing to challenging provision of food, water and energy supplies, environmental issues and climate change. These grand challenges for humanity require immediate solutions in sustainable ways without harming the environment. Therefore, SOMChE 2016 brought together a community of chemical and process engineers and other related engineers from Malaysia and South East Asia region and beyond to discuss the latest advances and best practices of engineering solutions in industry and academic for sustainable food, water, energy and environment. More than 150 delegates, including international participants from Indonesia, Vietnam, Philippines, Brunei, Singapore, India, Iran, Australia and Japan, attended and presented their papers at the symposium. This proceeding is compilation of the selected, accepted papers and covers 9 subject areas: Carbon Dioxide Capture Technology (CA), Engineering Education and Other Relevant Topics (ED), Energy (EN), Food Process Engineering (FD), Material Science and Engineering (MA), Process System Engineering (PS), Reaction Engineering (RE), Separation Processes (SE) and Waste and Water Treatment & Management (WT). Each paper had undergone double peer review to ensure its quality. We believe that the proceedings will serve as a book of knowledge and an essential literature, which will lead to not only scientific and engineering progress but also other novel processes and new products. SOMChE 2016 might not be successful without the supports from various parties. Therefore, we would like to thank the participants, organising committee, sponsors, and all those who have contributed directly and indirectly in making this symposium a big success.

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