

## Preface

The UNIMAS STEM Engineering Conference 2015 was held on October 7 to 9, 2015 in the beautiful city of Kuching, Sarawak, Borneo. With the theme “Engaging Industries and Society through Innovative Engineering and Technology”, this international conference aims at bringing together the academicians, researchers, scientists, engineers, industrial professionals and scholar students to present their recent research work in all areas of Engineering and Technology. More than 100 scientific participants had many fruitful discussions and exchanges that contributed to the success of the conference. The 26 strictly reviewed articles were presented in the conferences. These articles were split to four main areas, i.e., Electrical and Electronic Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering, Communication, Signal and Data Processing and Biomedical Engineering. Besides, two speakers (i.e., Assoc. Prof. Dr. Tan Kay Chen and Prof. Dr. Nasrudin Bin Abd Rahim) gave very illuminating public lectures that drew many people from the local area, as well as conference participants. Assoc. Prof. Dr. Tan Kay Chen presented an interesting talk entitled “Recent Advances in Evolutionary Multiobjective Optimization and Applications “. Prof. Dr. Nasrudin Bin Abd Rahim gave an interesting talk on Academic-Industry Engagement.

# Organizing Committee

## Local Committees

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