Preface

The organizers of the IIE Asian Conference 2013, held July 19–22, 2013 in Taipei, Taiwan, are pleased to present the proceedings of the conference, which includes about 180 papers accepted for presentation at the conference. The papers in the proceedings were selected from more than 270 paper submissions. Based on input from peer reviews, the committee selected these papers for their perceived quality, originality, and appropriateness to the theme of the IIE Asian Conference. We would like to thank all contributors who submitted papers. We would also like to thank the track chairs and colleagues who provided reviews of the submitted papers.

The main objective of IIE Asian Conference 2013 is to provide a forum for exchange of ideas on the latest developments in the field of industrial engineering and management. This series of conferences were started and supported by the Institute of Industrial Engineers (IIE) in 2011 as a meeting of organizations striving to establish a common focus for research and development in the field of industrial engineering. Now after just 2 years of the first event, the IIE Asian Conference has become recognized as an international focal point annually attended by researchers and developers from dozens of countries around the Asian.

Whether the papers included in the proceedings are work-in-progress or finished products, the conference and proceedings offer all authors opportunities to disseminate the results of their research and receive timely feedback from colleagues, without long wait associated with publication in peer-reviewed journals. We hope that the proceedings will represent a worthwhile contribution to the theoretical and applied body of knowledge in industrial engineering and management. We also hope that it will attract some other researchers and practitioners to join future IIE Asian Conferences.

Finally, the organizers are indebted to a number of people who gave freely their time to make the conference a reality. We would like to acknowledge Dr. Ching-Jong Liao, the president of the National Taiwan University of Science and Technology (Taiwan Tech), and all faculties and staffs in the Department of Industrial
Management at the Taiwan Tech, who have contributed tremendous amount of time and efforts to this conference. The Program Committee would also like to express its appreciation to all who participate to make the IIE Asian Conference 2013 a successful and enriching experience.

Program Committee of IIE Asian Conference 2013
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