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Preface

This collection of papers is the proceeding of International Conference on Industrial Engineering and Service Science (IESS) 2015, that has been held in Yogyakarta, Indonesia.

The theme of this year conference is “Creating Value through Innovation” reflecting our concern on the important role of innovation in today complex business operation. Creating value of product and service in a very high competition within a dynamic business environment where the availability of resources continually become issue, is a challenging task for many organizations. In this context, innovation is believed to be an answer for dealing with this issue and give the organizations a competitive edge to move ahead of market competition. However, most of organizations still hardly struggle to understand how innovation can be implemented in their context of business. This is where the roles of industrial engineering and service science are required. The industrial engineering and services sciences play an important role in managing business process, solving business problems, improving business productivity, and creating a framework for innovation.

This fascinating forum, therefore, is entirely dedicated to recent research developments in industrial engineering and service science which relevant to value creation and innovation in product and service design, business process, supply chain, human engineering, management and industrial technology, concerning local and global issues. The conference committee has received over 100 abstracts submission from Ethiopia, Zimbabwe, Thailand, Malaysia, Taiwan, India, Germany and Portugal, but due to several reasons, only about half of papers are contained in this Procedia Manufacturing.

This conference would not have been possible without contributions of many individuals and organizations. We would like to thank the plenary speakers, Professor Stewart Robinson, Prof Pervaiz K Ahmed, Mr. I Made Dana M.Tangkas, Mr. M. Arif Wibowo and Dr. Bhakti S. Stephan Onggo. Thanks also to Rector of Institut Teknologi Sepuluh Nopember and Rector of Atma Jaya Yogyakarta University for their supports and encouragement. We would also like to thank the advisory for the support and review committee who have played fundamental roles in making sure the accepted papers, are of high quality. We are also indebted to a number of conference sponsors including PT. Pama Persada, PT. Semen Indonesia, and Adira Insurance, as well as, supporting organizations including Islamic University of Indonesia and Rajamangala University of Technology Suvarnabhumi for the endorsement, financial and other supports. Last but not least, I would like to thank all the committee members and also our organizing partner University of Atma Jaya Yogyakarta, for their substantial contribution to the organisation of this conference. Finally, I wish you have an effective conference and enjoyable days in Yogyakarta.

Best Regards,

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