

# Preface

The APMS has been the official conference of the IFIP Working Group 5.7 on Advances in Production Management Systems, bringing together leading experts from academia, research, and industry.

The first conference was in Helsinki in 1990, and since then the conference has become an important annual event. The conference has been hosted in various parts of the world including Cernobbio (Italy, 2010), Stavanger (Norway, 2011), Rhodes (Greece, 2012), State College (USA, 2013), Ajaccio (France, 2014), and Tokyo (Japan, 2015). For the first time, the conference was held in Latin America at Iguassu Falls (Brazil, 2016). The overall organization was supported by Paulista University/UNIP with the financial grant of Itaipu Binacional. The topics of APMS 2016 were similar to those of the IFIP WG 5.7. They cover all the aspects of the systems of production of goods and services. For the 2016 issue, the theme selected was “Production Management Initiatives for a Sustainable World.”

A total of 112 papers from 18 countries were accepted for oral presentation based on blind peer-review. The main review criteria were the paper quality and contributions to science and production management processes. The Scientific Committee consisted of 78 researchers, most of them active members of the IFIP WG 5.7. Accepted papers of registered participants are included in this volume. This year, ten special sessions and one Research Workshop were planned consistent with the main theme of the conference. Following the tradition of past APMS conferences, the 9th APMS Doctoral Workshop offered seven PhD students the opportunity to present, discuss, receive feedback, and exchange comments and views on their doctoral research from the academic and the IFIP WG 5.7 community.

Three honors were awarded during APMS 2016: the Burbidge Award for best paper, the Burbidge Award for best presentation, and the Doctoral Workshop Award.

We hope that the contents of this volume will be of interest to researchers and practitioners alike.

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Advances in Production Management Systems.

Initiatives for a Sustainable World

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Selected Papers

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