

Preface

The third KES International Conference on Innovation in Medicine and Healthcare (InMed-15) was held during 11–12 September 2015 in Kyoto, Japan, organized by KES International and co-organized by Research Center of Advanced ICT for Medical and Healthcare, Ritsumeikan University, Japan.

InMed-15 is the third edition of the InMed series of conferences. The first and the second InMed conferences were held in Greece and Spain, respectively. InMed-15 is the first conference held outside of European countries. The conference focuses on the major trends and innovations in modern intelligent systems applying to medicine, surgery, healthcare and the issues of an ageing population. The purpose of the conference is to exchange new ideas, new technologies and current research results in these research fields.

We received 78 submissions from 16 countries. All submissions were carefully reviewed by at least two reviewers of the International Programme Committee. Finally 53 papers (including one short paper) were accepted to be presented at the proceedings. The major areas covered at the conference and presented at the proceedings include: (1) Medical Informatics; (2) Biomedical Engineering; (3) Management for Healthcares; (4) Advanced ICT for Medical and Healthcare; (5) Simulation and Visualization/VR for Medicine; (6) Statistical Signal Processing and Artificial Intelligence; (7) Smart Medical and Healthcare System and (8) Healthcare Support System. In addition to the accepted research papers, three keynote speeches by leading researchers were presented at the conference.

We thank Dr. Xian-hua Han and Dr. Rui Xu of Ritsumeikan University for their valuable editing assistance for this book. We are also grateful to the authors and reviewers for their contributions.

September 2015

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<http://www.springer.com/978-3-319-23023-8>

Innovation in Medicine and Healthcare 2015

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(Eds.)

2016, XVII, 593 p. 245 illus., Hardcover

ISBN: 978-3-319-23023-8