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Preface

We are delighted to introduce the proceedings of the fourth edition of the 2019 European Alliance for Innovation (EAI) International Conference on Machine Learning and Intelligent Communications (MLICOM), held in Nanjing, China, in August 2019. This conference has brought together researchers, developers, and practitioners from around the world who are leveraging and developing smart green communications.

The 64 revised full papers were carefully selected from 115 submissions. The papers are organized thematically in machine learning, intelligent positioning and navigation, intelligent multimedia processing and security, wireless mobile network and security, cognitive radio and intelligent networking, IoT, intelligent satellite communications and networking, green communication and intelligent networking, ad-hoc and sensor networks, resource allocation in wireless and cloud networks, signal processing in wireless and optical communications, and intelligent cooperative communications and networking. Aside from the high-quality, technical paper presentations, the technical program also featured three keynote speeches, i.e., invited talks. The three keynote speeches were given by Prof. Jianfong Cao from Hong Kong Polytechnic University, SAR China, Prof. Rui Zhang from National University of Singapore, Singapore, and Prof. Chee Wei Tan from City University of Hong Kong, SAR China.

Coordination with the steering chairs, Imrich Chlamtac, Xin Liu, and Xin-lin Huang was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee team and we thank them for their hard work in organizing and supporting the conference. We are also grateful to conference manager, Karolina Marcinova, for her support and all the authors who submitted their papers to the MLICOM 2019 conference.

We strongly believe that the MLICOM conference provides a good forum for all researcher, developers, and practitioners to discuss all science and technology aspects that are relevant to smart communications. We also expect that the future MLICOM conference will be as successful and stimulating, as indicated by the contributions presented in this volume.

August 2019

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