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# Advanced Hybrid Information Processing

Third EAI International Conference, ADHIP 2019 Nanjing, China, September 21–22, 2019 Proceedings, Part I



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## **Preface**

We are delighted to introduce the proceedings of the Third European Alliance for Innovation (EAI) International Conference on Advanced Hybrid Information Processing (ADHIP 2019). This conference has brought together researchers, developers, and practitioners from around the world who are leveraging and developing information processing technology for a deeper and wider use of hybrid information.

The technical program of ADHIP 2019 consisted of 104 full papers in oral presentation sessions at the main conference tracks. The conference topics were: Topic 1 – Big Data Processing; Topic 2 – Real Applications of Aspects with Big Data; and Topic 3 – Huge Signal Data Processing.

Coordination with the Steering Committee members, Imrich Chlamtac, Yun Lin, Shuai Liu, and Guanglu Sun, 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. In particular we thank the Technical Program Committee (TPC), led by our TPC co-chairs, Prof. Shuai Liu, Prof. Zhen Yang, Prof. Liang Zhou, Prof. Fumiyuki Adachi, Prof. Hikmet Sari, and Prof. Xiaodong Xiong, who completed the peer-review process of technical papers and made a high-quality technical program. We are also grateful to conference managers and all the authors who submitted their papers to the ADHIP 2019 conference and workshop.

We strongly believe that the ADHIP 2019 conference provides a good forum for all researcher, developers, and practitioners to discuss all science and technology aspects that are relevant to hybrid information processing. We also expect that the future ADHIP conferences will be as successful and stimulating, as indicated by the contributions presented in this volume.

September 2019

Miao Liu Jinlong Sun Wei Zhao

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