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# Collaborative Computing: Networking, Applications and Worksharing

14th EAI International Conference, CollaborateCom 2018  
Shanghai, China, December 1–3, 2018  
Proceedings

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# Preface

We are delighted to introduce the proceedings of the 14th European Alliance for Innovation (EAI) International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom 2018). This conference brought together researchers, developers, and practitioners from around the world who are interested in fully realizing the promises of electronic collaboration in terms of networking, technology and systems, user interfaces and interaction paradigms, and interoperation with application-specific components and tools.

The technical program of CollaborateCom 2018 consisted of 52 papers, including 33 full papers and 19 short papers in oral presentation sessions at the main conference tracks. The conference sessions were: Session 1, Vehicular Networks; Session 2, Social Networks; Session 3, Information Processing; Session 4, Data Detection and Retrieval and Mobility; Session 5, Parallel Computing; Session 6, Knowledge Graph; Session 7, Cloud and Optimization, Software Testing and Formal Verification; Session 8, Collaborative Computing; Session 9, Social Networks; Session 10, Vehicular Networks, Networks and Sensors; Session 11, Information Processing and Collaborative Computing; Session 12, Mobility and Software Testing and Formal Verification; Session 13, Web Services and Image Information Processing; Session 14, Web Services + Remote Sensing. Apart from high-quality technical paper presentations, the technical program also featured two keynote speeches that were delivered by Dr. Yang Yang from Shanghai Tech University and Dr. Zhi Wang from Zhejiang University.

Coordination with the steering chair, Imrich Chlamtac, and honorary chair, Qing Nie, 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 and we thank them for their hard work in organizing and supporting the conference. In particular, the Technical Program Committee, led by our TPC co-chairs, Dr. Muddesar Iqbal and Dr. Xinheng Wang, who completed the peer-review process of technical papers and compiled a high-quality technical program. We are also grateful to the conference manager, Dominika Belisova, for her support and to all the authors who submitted their papers to the CollaborateCom 2018 conference and workshops.

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

January 2019

Honghao Gao  
Yuyu Yin  
Xinheng Wang  
Muddesar Iqbal

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