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Bo Li · Dan Wang · Wei Wang (Eds.)

Quality, Reliability, Security and Robustness in Heterogeneous Systems

15th EAI International Conference, QShine 2019
Shenzhen, China, November 22–23, 2019
Proceedings

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Preface

It is our great pleasure to present the proceedings of the 15th EAI International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QShine 2019), hosted in Shenzhen, China, November 22–23, 2019.

Computer networking has been embracing increased heterogeneity since its inception, in terms of the range of the applications it has to support, the various communication technologies it can run on, and the hierarchical, hybrid, and heterogeneous techniques it has to rely on to meet the challenges from both the diverse application requirements and communication technologies. As the only conference focusing on heterogeneous networking, QShine was established as the primary venue for researchers and practitioners to disseminate, exchange, and discuss all recent advances related to heterogeneous networking, particularly for quality, experience, reliability, security, and robustness. While still a young conference, QShine has already established itself as the premiere forum, bringing together faculty members, researchers, engineers, postdocs, and students to shape the future of this area.

The QShine main-conference technical program consisted of 16 full papers. This year, QShine invited seven speakers to present their most cutting-edge research. The program was enriched by the QShine keynote speech by Baochun Li (Toronto). We are extremely grateful to the chairs and members of the Technical Program Committee for shaping such a top-quality program for this conference.

Sincere thanks go to all those involved in the organization of QShine 2019. First of all, we would like to thank the authors for providing the high-quality content of the program, the Steering Committee for their thoughtful guidance, the chairs and the members of the Technical Program Committee as well as the additional reviewers for selecting the program and providing valuable feedback to the authors, and the local organization team for contributing to the realization of this event.

Special thanks go to the Program Chairs (Xiaowen Chu and Hongbo Jiang), the Local Chairs (Yang Qin and Qixin Wang), the Web Chair (Shaohuai Shi), the Sponsor and Exhibits Chair (Kaiyong Zhao), the Publicity and Social Media Chair (Xiang Sun), the Workshop Chair (Chuan Wu), the Publication Chair (Wei Wang), and the Conference Manager (Kitti Szilagyiöva).

Furthermore, special thanks go to EAI for their guidance and organizational support, and to our sponsors. Most importantly, we thank the speakers and attendees for appreciating the aforementioned efforts by participating in the conference.

We sincerely hope you find these proceedings informative and enjoyable, and that it will bring you new perspectives to your research in this emerging and exciting field.

November 2019

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