

Proceedings

**2017 IEEE 14th International Conference
on Ubiquitous Intelligence and Computing
(UIC 2017)**

Proceedings

**2017 IEEE 14th International Conference
on Ubiquitous Intelligence and Computing
(UIC 2017)**

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Message from the General Chairs

On behalf of IEEE UIC 2017 Chairs and Committees, we are very pleased to welcome you to the 14th IEEE International Conference on Ubiquitous Intelligence and Computing. The Steering Committee and Advisory Board members have provided excellent guidance to our Organizing Committee and PC Committee. The PC Chairs, Professor Guanling Chen, Professor Yasha Wang, Dr Amit K. Pandey and Professor Bing Wang, and the PC committee members have attracted, reviewed, and selected quality papers from 129 paper submissions. The successful conference program preparation and quality proceeding publication the IEEE Ubiquitous Intelligence and Computing have been due to the incredible efforts of the PC committee members, conference organization chairs, including the Workshop Chairs, Professor Hui Yu and Professor Haoyi Xiong, the Poster and Demo Chairs, Dr Xiang Ding and Sarah Fallmann, the Publicity Chairs, Professor Jiaqi Gong, Dr Joseph Rafferty and Professor Chao Chen, the Journal Special Issue Chairs, Professor Jianwu Wang and Professor Dongpu Cao, the Web Publication Chairs, Zihao Jiang and Sazzad Hussain, the Finance Chair, Reqing Zhong, the Registration Chair, Hyeran Jeon, and the Proceeding Chair, Shenqiang Lu. They have worked very hard to ensure the successful call for papers, review and quality production of the conference proceedings. In addition, the Local Arrangement Chair, Mr. Sam Zhang, along with the SJSU student conference support team, Tianyu Cao and Swathi Nugehalli Sudarshan, and other co-workers have made all the arrangements for ensuring quality logistics. We are also very grateful to all organizers of the three workshops, including the Special Session VPVC Organizers, Professor Lin Qi, Professor Junyu Dong and Professor Hui Yu, the Workshop DSCI Organizers, Professor Muhammad Atif Qureshi, Professor Fei Hao and Professor Shuai Li, the Workshop FUSION Organizers, Professor Bernady O. Apduhan, Professor Ching-Hsien (Robert) Hsu, Professor Rafael Santos and Professor Shangguang Wang. Without their dedicated effort, it is impossible to have these workshop programs and workshop paper publications.

In addition, we would like to express our thanks to Kenita Hidalgo at IEEE Conference Planning Department, Lisa O'Conner at IEEE CPS, Momoko Vanna and Stacy Negron-Sheckells at IEEE Finance Service Department for their great support. We hope that this conference will be intellectually helpful for your current and future research and professional activities. We wish you a productive and truly enjoyable environment for developing novel ideas and visions in this area.



Liming Chen
De Montfort University, U.K.



Marie-Pierre Gleizes
University of Toulouse, France

Message from the Conference Program Chairs

We welcome you wholeheartedly to IEEE UIC 2017, the 14th International Conference on Ubiquitous intelligence and Computing. UIC has become a flagship conference for both researchers and practitioners, and our community has taken an increasingly important role as the computational intelligence is significantly transforming our society.

This year we had another great success of UIC and our program is packed with high-quality papers. We received 129 paper submissions, which went through a rigorous review process. Each of the 129 submissions was reviewed by at least three program committee members, and the borderline cases were re-reviewed by additional program committee members and by chair(s). The result is a strong program: we accepted 42 regular papers, 27 short papers, and 8 poster papers. With approximately 32% acceptance rate for regular papers, UIC has become one of the most competitive conferences in the field.

The success of UIC is due to the efforts of many people. We would like to use this opportunity to thank the program committee members and the referees for their time and efforts, and for their well-constructed reviews given such a compressed schedule. We would also like to express our thanks to Liming Chen and Marie-Pierre Gleizes, our General Chairs, and Jianhua Ma and Laurance T. Yang, the Chairs of the Steering Committee, for their guidance and their dedication to this conference. We are deeply in debt to their untiring efforts and assistance, without which it would be close to impossible to pull together this program at all.

Last but not the least, we would like to thank all the authors of submitted papers and the attendees for their contribution and participation. Without their strong support, we could not have a successful conference.



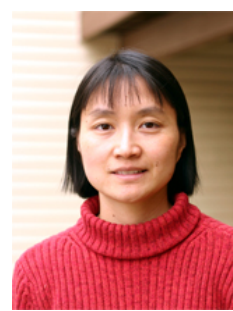
Guanling Chen
University of
Massachusetts
Lowell, USA



Yasha Wang
Peking University, China



Amit K. Pandey
SoftBank Robotics,
France



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