Message from the MDM 2018 General Co-Chairs

Welcome to the 19th IEEE International Conference on Mobile Data Management (MDM 2018) held in Aalborg, Denmark, from June 26 to 28, 2018.

Since the first MDM conference in 1999, the conference series has established itself as a reputable forum for the sharing of original research advances and practical experiences on all aspects of the management and use of mobile data. The topics covered include data management in the context of wireless communications, portable and tiny devices, and geo-location of users and data.

This year’s MDM also covers these aspects and includes an exciting single-track program of full and short research papers, industrial papers, and demos. Trajectory mining and machine learning on mobile data appear to be the trending topics of the conference program. The program also features a keynote talk: Inference of Social Relationships from Location Data by Cyrus Shahabi from the University of Southern California; two invited talks on indoor services from Danish companies MapsPeople and Systematic; and a panel discussion on indoor information systems.

The program also includes three advanced seminars by Sanjay K. Madria, Goce Trajcevski, Peter Scheuermann, Constantinos Costa, and Demetrios Zeinalipour-Yazti. Sensors, tracking, and telco big-data are the keywords describing the seminars.

MDM is an IEEE Computer Society conference, sponsored by the Technical Committee on Data Engineering (TCDE). We would like to thank TCDE for its continued support of the MDM. This year’s MDM was also sponsored by Aalborg University and Otto Monsteds foundation. We are grateful for this support.

Organizing a successful MDM 2018 conference was an effort of a great team of people.

We thank the authors who submitted papers and the members of the research, industrial, and demo program committees along with the external reviewers that helped them. Their work resulted in an exciting technical program.

We are grateful to the dedication of a competent organizing committee: the research program committee co-chairs Takahiro Hara (Osaka University, Japan), Wang-Chien Lee (Pennsylvania State University, USA), and Bin Yang (Aalborg University, Denmark); the demo co-chairs Yan Huang (University of North Texas, USA) and Goce Trajcevski (Iowa State University, USA); industry track chair Jagan Sankaranarayanan (Google Research, USA); advanced seminar co-chairs Christian Becker (University of Mannheim, Germany) and Matthias Renz (George Mason University, USA); panel chair Demetris Zeinalipour-Yazti (University of Cyprus); keynote co-chairs Christian S. Jensen (Aalborg University, Denmark) and Mohamed Mokbel (University of Minnesota, USA); local organizing chair Panagiotis Karras (Aalborg University, Denmark); finance chair Hua Lu (Aalborg University, Denmark); publicity co-chairs Lisi Chen (Hong Kong Baptist University) and Weiwei Sun (Fudan University, China); proceedings co-chairs Chi-Yin Chow (City University of Hong Kong) and Chenjuan Guo (Aalborg University, Denmark); web chair Tung Kieu (Aalborg University, Denmark); and the steering committee liaison Arkady Zaslavsky (CSIRO, Australia).

While the Ph.D. colloquium did not receive any submissions this year and a planned affiliated workshop had to be canceled as well due to too few submissions, we can attest to the great effort
of the PhD colloquium co-chairs Mohamed Sarwat (Arizona State University, USA) and Wenjie Zhang (University of New South Wales, Australia) as well as the workshop co-chairs Karl Aberer (EPFL, Switzerland) and Maria Luisa Damiani (University of Milan, Italy). We are thankful to them.

We hope this conference will be a fruitful platform for sharing of ideas and experiences as well as for reconnecting with your research fellows and for creating new contacts. Enjoy it and be inspired!

Anupam Joshi, University of Maryland Baltimore County, USA
Simonas Šaltenis, Aalborg University, Denmark
Xiaofang Zhou, University of Queensland, Australia

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