

# The 20<sup>th</sup> IEEE International Conference on Mobile Data Management

June 10-13, 2019, Hong Kong

<http://www.comp.hkbu.edu.hk/mdm2019/>



The MDM series of conferences, since its debut in 1999, has established itself as a prestigious forum for the exchange of innovative and significant research results in mobile data management. The conference provides unique opportunities to bring researchers, engineers, and practitioners together to explore new ideas, techniques, and tools, and exchange experiences.

## Topic of Interest

MDM 2019 seek submissions of original research contributions in the intersection of mobile computing and data management. Topics of interest include, but not limited to:

- Mobile Cloud Computing and Data Management in the Mobile Cloud
- Data Management for Internet of Things (IoT) and Sensor Systems
- Data Management for Augmented Reality Systems
- Data Management for Connected Cars, Intelligent Transportation Systems, Smart Spaces
- Mobile Crowd-Sourcing and Crowd-Sensing
- Mobile Data Analytics
- Behavioural/Activity Sensing and Analytics
- Mobile Location-Based Social Networks
- Mobile Recommendation Systems
- Context-aware Computing for Intelligent Mobile Services
- Middleware and Tools for Mobile and Pervasive Computing
- Theoretical Foundations of Data-intensive Mobile Computing
- Data Stream Processing in Mobile/Sensor Network
- Indexing, Optimisation and Query Processing for Moving Objects/Users
- Location and Trajectory Analytics
- Security and Privacy in Mobile Systems
- Routing, Personalized Routing, Eco-Routing, Routing for Electrical Vehicles
- Transportation-As-A-Service, Mobility-As-A-Service
- Innovative Applications driven by Mobile Data

## Call for Participation

**Early Bird Registration Deadline:**  
**May 10, 2019** (anywhere on the earth)

## Keynote Speakers



**Prof. Walid G. Aref**  
Purdue University



**Dr. Xing Xie**  
Microsoft Research Asia



**Prof. Xiaofang Zhou**  
Queensland University

## Workshops/PhD Forum Joint Keynote Speakers



**Prof. Wang-Chien Lee**  
Pennsylvania State University



**Prof. Li Xiong**  
Emory University

## Invited Seminar Speakers



**Prof. Ninghui Li**  
Purdue University



**Prof. Kyriakos Mouratidis**  
Singapore Management University

## Early Career Distinguished Lecture (ECDL) Speakers



**Prof. Guoliang Li**  
Tsinghua University



**Dr. Mohamed Sarwat**  
Arizona State University



**Prof. Bin Yang**  
Aalborg University

## Invited Industry Speakers



**Dr. Zhenhua Dong**  
Huawei Noah's Ark Lab



**Dr. Wenliang Zhong**  
Ant Financial Services Group

## Organizing Committee

### General Chairs

Christian S Jensen (Aalborg University, Denmark)  
Dik Lee (Hong Kong University of Science and Technology, Hong Kong)  
Ling Liu (Georgia Institute of Technology, USA)

### PC Chairs

Mohamed F. Mokbel (Qatar Computing Research Institute, Qatar)  
Jianliang Xu (Hong Kong Baptist University, Hong Kong)  
Demetrios Zeinalipour-Yazti (University of Cyprus, Cyprus)