Welcome to the Special Section on Large-Scale Spatio-Temporal Data Analysis for Real-World Sensing

Editor-in-Chief Noboru Babaguchi

It is a great pleasure to introduce the special section “Large-Scale Spatio-Temporal Data Analysis for Real-World Sensing” in the Transactions on Media Technology and Applications (MTA). Since the inauguration of the MTA, the editorial committees have been offering a special section in each issue. This is the 11th topic in series of these special sections focusing on the advances in media technologies for analyzing the large-scale spatio-temporal data for real-world sensing via visual, multimedia, and social sensors. Initially, we called for papers in the areas of:

- Object Tracking or Self-Localization
- Crowd Behavior Analysis
- Anomaly Detection
- Landmark or Real-World Event Detection
- Environmental Monitoring (Transportation, Climate, Disaster, Disease, Land Use, Plant and Animal Population, etc.)
- Large-Scale Sensor-based Real-World Mapping and Visualization
- Multimodal Sensor Fusion in Distributed Sensor Networks
- Other related works of Real-World Sensing

In response to the call for papers, we received six submissions. Each paper was rigorously reviewed by two experts in this field. With the great effort made by the associate editors in the guest editorial committee and anonymous reviewers, we have finally selected three high quality papers including two invited ones contributed from the leading researchers in the field.

We are very grateful to all the authors who have submitted their excellent works to this issue and all the guest editors and reviewers. We hope this special section will promote the research in the field of real-world sensing.

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