

# MELT 2016 Workshop Report

## The Sixth ACM SIGSPATIAL International Workshop on Mobile Entity Localization, Tracking and Analysis Burlingame, CA, USA - October 31, 2016

Sarana Nutanong<sup>1</sup>

John Krumm<sup>2</sup>

Egemen Tanin<sup>3</sup>

<sup>1</sup>Department of Computer Science, City University of Hong Kong, HKSAR, China

<sup>2</sup>Microsoft Research, Redmond, WA, USA

<sup>3</sup>School of Computing and Information Systems, University of Melbourne, Victoria, Australia

snutanon@cityu.edu.hk

jckrumm@microsoft.com

etanin@unimelb.edu.au

(Workshop Co-chairs)

Dynamic location data is pouring into servers that provide location based services and tracking. This data is valuable for making inferences about the motions, intentions, preferences, and futures of the tracked entities. The data is also useful for understanding the aggregate environment, such as road maps, dynamic patterns, popular events, and expected behavior.

After five successful workshops (2008, 2009, 2010, 2011 and 2015), MELT 2016 (<https://sites.google.com/site/meltworks/home>) was held in conjunction with the 24th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems (SIGSPATIAL 2016) on October 31, 2016 in Burlingame, CA, USA. MELT 2016 has received 5 submissions, all of which were accepted as research papers. The workshop program consists of a Program Chair Talk “*What We Know from Where You Go*” given by Dr. John Krumm from Microsoft Research, two sessions of technical talks, and a keynote talk given by Sen Xu Alex from Uber Technologies Inc.

We would like to thank the authors for their contributions, and the program committee members and external reviewers for their evaluation. We would like to give a special thank to our keynote speaker Sen Xu Alex for sharing his insights on geospatial topics at Twitter. We hope that the proceedings of MELT 2016 will make a contribution as a valuable resource for research and stimulate further discussions on mobile entity localization, tracking and analysis.