

International Conference on Location-based Social Media Data

March 13-14, 2015

Athens, Georgia, USA

<http://research.franklin.uga.edu/iclsm>

In the era of big data, increasingly sizeable datasets come from social media, particularly location-based social media, in the form that is widely known as user-generated contents. Many social media datasets are made available at the finest spatial and temporal scales. The availability of such data creates unprecedented opportunities for researchers to uncover what were previously hidden in the era of small data. What kind of new research questions may be addressed with the available social media data? What are the social, ethical, and political implications of the wide use of social media platforms and the availability of such data? Particularly, what can geographers, GIScientists, and social scientists in general, contribute in response to the unique research opportunities and challenges with social media data?

This conference is designed to bring together researchers from various fields and perspectives to share ideas and findings of their research related to social media data. The aim is to provide a forum for participants to reflect upon what has been accomplished and to discuss what can be pursued in the future. We look forward to your participation!

Submission

You are invited to submit full papers (5000 words) or extended abstracts (1200-1500 words) at <https://easychair.org/conferences/?conf=iclsm2015>. Example topics include, but are not limited to, the following:

Theories and Data Models for Social Media Data

- GIS representation and data structure for social media data
- Theoretical models of social media data in geographic, temporal, and social dimensions
- Open GIS in the big data era
- Scalability issues with social media data
- Data quality and representativeness of social media data

Analysis and Applications

- Applications of social media data and analysis in any field of study
- Social media data mining
- Social or complex network analysis
- Fractal or scaling analysis of big data
- Big data analytics and place sentiments
- Human mobility and spatial interaction

Geovisualization for Social Media Data

- Geovisualization of social media data in space, time, and social dimensions
- Visual analytics tools for social media data
- Exploratory and visual data mining of social media data
- Agent-based simulations of human mobility and interaction patterns

All submissions will be peer-reviewed. Authors of accepted submissions are expected to give oral or poster presentations at the conference. Following the peer-review process, highest quality research papers will be considered for publication in a **special issue of *Computers, Environment and Urban Systems*** and possibly an edited book.

Special Sessions

You are welcome to organize special sessions. If you would like to organize a special session, please submit a brief proposal with a suggested theme and possible participants (if available). Proposals or questions about special sessions can be sent to lclsm2015@gmail.com or any one of the conference organizers. The deadline for special session proposals is Nov. 15, 2014.

Student paper competition sessions will be organized. Awards will be made to master's student papers and doctoral student papers separately.

Conference Organization

Chairs: Xiaobai Angela Yao, University of Georgia, USA. Email: xyao@uga.edu

Bin Jiang, University of Gävle, Sweden. Email: bin.jiang@hig.se

Co-Chairs: Marguerite Madden, University of Georgia, USA. Email: mmadden@uga.edu

Yu Liu, Peking University, China. Email: liuyu@urban.pku.edu.cn

Programming Committee

Gennady Andrienko, Fraunhofer Institute, Germany

Clio Andris, Pennsylvania State University, USA

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Piyushmita Thakuria (Vonu), University of Glasgow, UK

Jean-Claude Thill, University of North Carolina at Charlotte, USA

Ming-Hsing Tsou, San Diego State University, USA

Shaowen Wang, University of Illinois at Urbana-Champaign, USA

Nico Van de Weghe, Ghent University, Belgium

Junjun Yin, University of Illinois at Urbana-Champaign, USA

Important Dates

Nov. 15, 2014: Special session proposals due

~~Dec. 20, 2014~~ **Dec. 31, 2014**: Full paper submission due

Jan. 15, 2015: Extended abstract submission due

Jan. 30, 2015: Notification of paper or abstract acceptance

Mar. 13-14, 2015: Conference