Paper Session:

3228 Human Dynamics in the Mobile Age V

is scheduled on Thursday, 4/23/2015, from 10:00 AM - 11:40 AM in Plaza A, Hyatt, East Tower, Green Level

Sponsorship(s):
Cyberinfrastructure Specialty Group
Geographic Information Science and Systems Specialty Group
Spatial Analysis and Modeling Specialty Group

Organizer(s):
Xinyue Ye - Kent State University
Ming-Hsiang Tsou - San Diego State University
Shih-Lung Shaw - University of Tennessee

Chair(s):
Edwin Chow - Texas State University

Abstract(s):

10:00 AM Author(s): *Yihong Yuan - Department of Geography, Texas State University – San Marcos, TX, 78666, USA
Martin Raubal - Institute of Cartography and Geoinformation, ETH Zurich, 8093 Zurich, Switzerland

Abstract Title: *Analyzing the distribution of human activity space from mobile phone usage*

10:20 AM Author(s): *Christopher Allen - San Diego State University

Abstract Title: *Mining Tweets for Multiscale Influenza Surveillance*

10:40 AM Author(s): *Thomas Thevenin - University of Burgundy - THEMA / CNRS
Vuidel Gilles - University of Franche Comte
kaufmant Armelle - University of Franche Comte

Abstract Title: *Toward an exploratory spatial and temporal data analysis for Time Geography*

11:00 AM Author(s): *Edwin Chow - Texas State University
Ryan T Schuermann - Texas State University

Abstract Title: *Relevance of Tobler's and Zipf's Laws to Web Demographics?*

Session Description: New insight into the dynamics of social systems can not only help to verify the existing social behavioral theories but also contribute to problem solving in the range of areas vital for the current mobile and data-rich age. Growing evidence has witnessed the interconnected spatial patterns and relationships between cyberspace and our real world. A large number of socioeconomic and human behavior datasets can be easily collected using mobile technology and social media platforms. Coupling spatial and behavioral science research can provide effective and efficient ways to visualize and analyze these big data collected for social behavioral research.

New Query