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(59) 2014 AAG Annual Meeting, Tampa, Florida

AAG Annual Meeting

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Paper Session:

3563 Human Dynamics in the Mobile Age: Linking Physical and Virtual Spaces III

is scheduled on Thursday, 4/10/2014, from 2:40 PM - 4:20 PM in Florida Salon II, Marriott, Second Floor

Sponsorship(s):
Geographic Information Science and Systems Specialty Group
Spatial Analysis and Modeling Specialty Group
Regional Development and Planning Specialty Group

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

Chair(s):
Shih-Lung Shaw - University of Tennessee

Abstract(s):

2:40 PM   Author(s): *Jinlei Xu - Wuhan University
Zhixiang Fang - Wuhan University
Shih-Lung Shaw - University of Tennessee
Yang Zhou - Wuhan University

Abstract Title: *Exploring daily stay patterns of mobile phone users*

3:00 PM   Author(s): *Chen Xu - George Mason University

Abstract Title: *Discovering Place from Volunteered Geographic Information*

3:20 PM   Author(s): *Shih-Lung Shaw - University of Tennessee

Abstract Title: *Potentials and Challenges of Understanding Human Dynamics with Space-Time Analysis of Individual Tracking Data*

3:40 PM   Author(s): *Budhendra Bhaduri - Oak Ridge National Laboratory
Eddie Bright - Oak Ridge National Laboratory
Amy Rose - Oak Ridge National Laboratory
Marie Urban - Oak Ridge National Laboratory
Anil Cheriyadat - Oak Ridge National Laboratory

Abstract Title: *Occupancy Curves for Characterizing Population Dynamics*

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. Spatial and behavioral science can provide an effective and efficient way to visualize and analyze these big data collected for social behavioral research activities.

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