Paper Session:

3263 Human Dynamics in the Mobile Age: Linking Physical and Virtual Spaces I

is scheduled on Thursday, 4/10/2014, from 10:00 AM - 11:40 AM in Florida Salon II, Marriott, Second Floor

Sponsorship(s):
Geographic Information Science and Systems Specialty Group
Cyberinfrastructure 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):
Xinyue Ye - Kent State University

Abstract(s):

10:00 AM Author(s): *Ling Yin - Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences
Shih-Lung Shaw - Department of Geography, The University of Tennessee, Knoxville
Jinxing Hu - Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences

Abstract Title: *Privacy risk versus privacy preservation for research using individual mobile phone tracking data*

10:20 AM Author(s): *Agnieszka Leszczynski - Queen's University

Abstract Title: *Locational privacy is dead, long live locational privacy*

10:40 AM Author(s): *Yang Xu - University of Tennessee
Shih-Lung Shaw - University of Tennessee
Ziliang Zhao - University of Tennessee

Abstract Title: *A home-centered approach to studying human mobility patterns using mobile phone records*

11:00 AM Author(s): *Ming-Hsiang Tsou - San Diego State University

Abstract Title: *Building a New Research Agenda for Geographers: Human Dynamics in the Mobile Age (HDMA)*

11:20 AM Discussant: Daniel Sui - The Ohio State University

Discussant(s):
Daniel Sui - The Ohio State University

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.

New Query