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(60) 2015 Annual Meeting, Chicago, Illinois

AAG Annual Meeting

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Paper Session:

2628 Human Dynamics in the Mobile Age III

is scheduled on Wednesday, 4/22/2015, from 5:20 PM - 7:00 PM 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):

5:20 PM Author(s): *Ran Li - University of Arizona
Daonqin Tong - University of Arizona

Abstract Title: *Measuring activity spaces using social media data: a case study in New York City*

5:40 PM Author(s): *Daniel Moore - Virginia Tech
Laurence W. Carstensen, Ph.D - Virginia Tech

Abstract Title: *A Zone-Based Multiple Regression Model to Visualize GPS Locations on a Surveillance Camera Image*

6:00 PM Author(s): *SIMON HEIDARI - UNIVERSITE DE CERGY-PONTOISE

Abstract Title: *GIS Technologies in the Everyday Work of an Airport Operator: Towards an Integrated Management of Complex Infrastructures?*

6:20 PM Author(s): *Xuebin Wei - University of Georgia

Abstract Title: *Representing Location-Based Social Media Activity in GIS*

6:40 PM Author(s): *Alec Barker - George Mason University
Kevin M. Curtin - George Mason University
Richard M. Medina - University of Utah

Abstract Title: *A Data-Driven Framework for the Analysis of Geographic Patterns of Team Processes*

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.

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