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(60) 2015 Annual Meeting, Chicago, Illinois

AAG Annual Meeting

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Paper Session:

4111 Spatial Optimization and Analysis I

is scheduled on Friday, 4/24/2015, from 8:00 AM - 9:40 AM in Skyway 285, Hyatt, East Tower, Blue Level

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

Organizer(s):
Daoqin Tong - University of Arizona - Geography & Regional Development
Ran Wei - University of Utah

Chair(s):
Daoqin Tong - University of Arizona - Geography & Regional Development

Abstract(s):

8:00 AM   Author(s): *Ran Wei - University of Utah
Alan Murray - Drexel University

 Abstract Title: *A parallel algorithm for the efficient solution of continuous space set coverage problem*

8:20 AM   Author(s): *Kamyoung Kim - Kyungpook National University

 Abstract Title: *Relationships between Housing and Labor Market Areas in Seoul Metropolitan Area*

8:40 AM   Author(s): *Wangshu Mu - The University of Arizona
Daoqin Tong - The University of Arizona

 Abstract Title: *Assessing alternative search strategies for solving the p-Median Problem*

9:00 AM   Author(s): *Shuyao Hong - Arizona State University
Michael Kuby - Arizona State University

 Abstract Title: *A Threshold Coverage Flow-Refueling Location Model to Build Critical Mass of Alternative Fuel Vehicle's Refueling Stations*

9:20 AM   Author(s): *Alan T. Murray - Drexel University
Tony H Grubesic, PhD - Drexel University

 Abstract Title: *Spatio-Temporal Fire Risk and Vulnerability*

Session Description: We are organizing sessions on Spatial Optimization and Analysis for the coming AAG Annual Meeting. The meeting will take place in Chicago, Illinois from April 21 to April 25, 2015. Spatial optimization and analysis is essential in a range of problems concerning spatial placement, organization or arrangement of entities, resources, goods and service provision. In these sessions, we welcome studies or applications addressing any relevant issues on spatial optimization and analysis. These studies include but not limited to:
    Location analysis and modeling
    Network design and analysis

Land use planning and resource management
Districting/regionalization problems
Transportation applications
Big data and problem solution techniques

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