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(58) 2013 AAG Annual Meeting, Los Angeles, California

AAG Annual Meeting

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Paper Session:

5450 Agent-Based & Cellular Automata Models for Geographical Systems 3: Applications

is scheduled on Saturday, 4/13/2013, from 2:00 PM - 3:40 PM in Angeleno, The LA Hotel, Level 2

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

Organizer(s):
Andrew Crooks - George Mason University
Amit Patel

Chair(s):
Andrew Crooks - George Mason University

Abstract(s):

2:00 PM   Author(s): *Bianica Pint - George Mason University
Andrew Crooks - George Mason University

 Abstract Title: *The Impact of a Slum's Social Dynamics and Geospatial Landscape on the Emergence of Riots: The Case of Kibera*

2:20 PM   Author(s): *Ali Afshar Dodson - YCCSA

 Abstract Title: *Simulating Social Segregation*

2:40 PM   Author(s): *Rongxu Qiu - University of Lethbridge
Wei Xu -
Shan Li -

 Abstract Title: *Agent-based simulation of the spatial diffusion of tourist flow*

3:00 PM   Author(s): *Sarah Wise - George Mason University

 Abstract Title: *Hotspots: Simulating the 2012 Colorado Wildfires*

3:20 PM   Author(s): *Majeed Pooyandeh - University of Calgary
Danielle J. Marceau - University of Calgary

 Abstract Title: *A web/agent-based model to simulate the negotiation process of stakeholders in the Elbow River watershed in Alberta*

Session Description: The use of Agent-based Modeling (ABM) and Cellular Automata (CA) models within geographical systems are starting to mature as methodologies to explore a wide range of geographical and more broadly social sciences problems facing society. The aim of this session(s) is to bring together researchers utilizing agent-based models, CA (and associated methodologies) to discuss topics relating to: theory, technical issues and applications domains of ABM and CA within geographical systems.

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