Paper Session:

2539 Geosimulation Models 3: Applications - Macro

is scheduled on Wednesday, 4/9/2014, from 2:40 PM - 4:20 PM in Room 39, TCC, Fourth Floor

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

Organizer(s):
Paul Torrens - University of Maryland
Suzana Dragicevic - SIMON FRASER UNIVERSITY
Andrew Crooks - George Mason University

Chair(s):
Paul Torrens - University of Maryland

Abstract(s):

2:40 PM Author(s): *Clementine COTTINEAU - University Paris 1 Panthéon-Sorbonne, UMR Géographie-Cités, GeoDiverCity
*Paul CHAPRON - CNRS, UMR Géographie-Cités, GeoDiverCity

Abstract Title: *Evaluation & Calibration for the comparison of ABMs of cities' trajectories*

3:00 PM Author(s): *Xiongbing Jin - University of Waterloo
Dawn C Parker - University of Waterloo

Abstract Title: *Developing a vector-based land market model*

3:20 PM Author(s): *Claudio Cioffi-Revilla, Ph.D., D.Pol.Sci. - George Mason University

Abstract Title: *MASON NordicLands: A Geospatial Agent-Based Model of Climate Change and Societal Impacts in the Northern Boreal and Arctic Regions*

3:40 PM Introduction: Paul Torrens - University of Maryland

3:40 PM Author(s): *Siyu Fan - Eastern Michigan University
Yichun Xie - Eastern Michigan University

Abstract Title: *Simulating dynamic transitions of cities, farms and grasslands*

4:00 PM Author(s): *Denise Pumain - University Paris I
Clara Schmitt - UMR Géographie-cités
Sébastien Rey-Coyrehourcq - UMR Géographie-cités
Romain Reuillon - UMR Géographie-cités

Abstract Title: *Building and exploring an agent-based model with OpenMOLE*

Session Description: Since the publication of Geosimulation in 2004, the use of Agent-

based Modeling (ABM) and Cellular Automata (CA) under the umbrella of Geosimulation models within geographical systems have started to mature as methodologies to explore a wide range of geographical and more broadly social sciences problems facing society. The aim of these sessions is to bring together researchers utilizing geosimulation techniques (and associated methodologies) to discuss topics relating to: theory, technical issues and applications domains of ABM and CA within geographical systems.

New Query