

ACM SIGSPATIAL 2019 International Workshop on Geospatial Simulation

November 05, 2019

Chicago, Illinois, USA

The GeoSim 2019 workshop focuses on all aspects of simulation as a general paradigm to model and predict spatial systems and generate spatial data. New simulation methodologies and frameworks, not necessarily coming from the SIGSPATIAL community, are encouraged to participate. Also, this workshop is of interest to everyone who works with spatial data. The simulation methods that will be presented and discussed in the workshop should find a wide application across the community by producing benchmark datasets that can be parameterized and scaled. Simulated data sets will be made available to the community via the website.

The workshop seeks high-quality full (8 pages) and short (4 pages) papers that will be peer-reviewed. Once accepted, at least one author is required to register for the workshop and the ACM SIGSPATIAL conference, as well as attend the workshop to present the accepted work which will then appear in the ACM Digital Library.

Example topics include, but not limited to:

- Urban Simulation
- Agent Based Models for Spatial Simulation
- Multi-Agent Based Spatial Simulation
- Big Spatial Data Simulation
- Spatial Data/Trajectory Generators
- Road Traffic Simulation
- Environmental Simulation
- GIS using Spatial Simulation
- Interactive Spatial Simulation
- Spatial Simulation Parallelization and Distribution
- Geo-Social Simulation and Data Generators
- Social Unrest and Riot Prediction using Simulation
- Spatial Analysis based on Simulation
- Behavioral Simulation
- Verifying, and Validating Spatial Simulations
- Applications for Spatial Simulation

Organization committee

General Chairs

Andrew Crooks
Dieter Pfoser
Carola Wenk

Program Chairs

Hamdi Kavak
Joon-Seok Kim
Sarah Wise

Program committee

Taylor Anderson	Nick Malleson
Suzana Dragicevic	Ed Manley
Philippe Giabbanelli	Umar Manzoor
Alison Heppenstall	Ashwin Shashidharan
Jeon-Young Kang	Samarth Swarup
Christopher Lynch	Andreas Züfle
Nicholas Magliocca	

Workshop information

Submission deadline

September 01, 2019

Author Notification

September 27, 2019

Workshop date

November 05, 2019

Workshop website

<http://www.geosim.org>

Submission site

<https://easychair.org/conferences/?conf=geosim2019>



The GeoSim2019 Workshop will be held in conjunction with the ACM SIGSPATIAL 2019 conference. Visit <http://sigspatial2019.sigspatial.org/> to get more information the conference.

