



## 3rd ICA Workshop on Geospatial Analysis and Modeling

August 6-7, 2009, Gävle, Sweden

<http://www.hig.se/~bjg/ica/workshop2009/>

### Background and scope

Following the success of two previous workshops, we are proud to announce that the Third International Cartographic Association (ICA) Workshop on Geospatial Analysis and Modeling will be held on August 6-7, 2009 in Gävle, Sweden. Founded upon the tradition of the workshop series, we aim at bringing together researchers from relevant fields to address issues related to geospatial analysis and modeling.

We call for papers that (1) develop visual and analytical tools for geospatial analysis and modeling, and (2) extract geospatial knowledge by applying these tools to huge arrays of geospatial data that become recently available. The tools and the knowledge constitute two major concerns in our pursuit for better spatial planning and decision making. Relevant topics include, but are not limited to:

- Cellular automata and agent based modeling
- Visual analytical tools for environmental and urban systems
- Analysis of human movement data
- Spatio-temporal data mining
- Hierarchies, scaling and fractal structure of geographic patterns
- Modeling vehicle dynamics and crowd behavior
- Patterns of human spatial behavior and migration
- Urban high-resolution morphology
- Small world modeling and spatial interactions

### Paper format and submission

All manuscripts entailing 5000-6000 words should be in English, single column, single-spaced with figures and tables within the text. The manuscripts in MS Word 2003 format should contain authors' affiliation and email, abstract (no longer than 300 words), and up to five keywords. To submit, please use EasyChair at <http://www.easychair.org/conferences/?conf=3rdicaworkshop>

### Schedule **Extended to May 15, 2009**

Deadline for receiving papers: ~~April 25, 2009~~  
Acceptance notification: May 25, 2009  
Workshop: August 6-7, 2009

### Publications

Proceedings will be organized before the workshop. The papers selected after their presentations at the workshop will follow a peer-review process for publication as a theme issue of the *Computers, Environment and Urban Systems* journal.

### Workshop organizers

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Itzhak Benenson, Tel Aviv University, Israel  
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### Program committee

Gennady Andrienko, Fraunhofer Inst. of IAIS, Germany  
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