

# CALL FOR PAPERS

## Third International Conference on Geospatial Semantics (GeoS 2009)

[www.geosco.org](http://www.geosco.org)



### Purpose and Scope

Geospatial semantics is an emerging research theme in the domain of geographic information systems and spatial databases. The previous editions of the conference – GeoS 2005 and GeoS 2007 in late November (Mexico City, Mexico) [www.geosco.org](http://www.geosco.org) were highly successful. We have received about 100 submissions, from which 30 regular and 8 short articles have been published in Volume 3799 and Volume 4853 of the Lecture Notes in Computer Science respectively. People from 28 countries and 5 continents have attended the GeoS conferences.

The third edition GeoS 2009 [www.geosco.org](http://www.geosco.org) aims at providing a forum for the exchange of state-of-the-art research results in the areas of modeling and processing of geospatial semantics. Geospatial semantics play an important role for next-generation spatial databases and geographic information systems, as well as specialized geospatial web services. This conference traditionally brings together researchers whose expertise will address issues such as:

- Theories for geospatial semantic information
- Formal representations of geospatial data
- Models and languages for geoontologies
- Alignment and integration of geoontologies
- Integration of semantics into spatial query processing
- Spatial information retrieval
- Ontology-driven GIS
- Geospatial Semantic Web
- Multicultural aspects of spatial knowledge
- Cognitive aspects of geospatial semantics
- Measuring semantic similarity between spatial datasets
- Representing context for geospatial semantic information
- Semantic Sensor Web
- Ontology-based visualization of geospatial data
- Conceptual models of dynamic geospatial environments
- Personalization of geospatial semantic services

## Paper Submissions

Authors are invited to submit full papers of approx. 18 single-spaced pages, in English, formatted in Springer's Lecture Notes in Computer Science style ([www.springer.de/comp/lncs/authors.htm](http://www.springer.de/comp/lncs/authors.htm)). Papers, formatted in PDF, must be submitted through the conference web site ([www.geosco.org](http://www.geosco.org)). At least three members of the Program Committee will evaluate each paper based on scientific significance, relevance to the conference, novelty, relation to previously published literature, and clarity of presentation. The GeoS 2009 proceedings will be published as a volume in Springer's LNCS series.



## Venue

GeoS 2009 will be held at the Centro de Investigacion en Computacion (CIC) in Mexico City ([www.cic.ipn.mx](http://www.cic.ipn.mx)). The conference site has a spectacular view of the Popocatepetl volcano, which will be snow-covered at the beginning of December. Early December is the best time of the year for traveling to Mexico City with typically clear weather, moderate temperatures, and a deep blue sky.

## Important Dates

Deadline for papers submission	July 31, 2009
Notification of acceptance	September 17, 2009
Submission of camera-ready papers	September 24, 2009
Registration	October 30, 2009
Early birds registration	October 15, 2009
Conference	<b>December 3 and 4, 2009</b>

## General Chair

Sergei Levashkin, Centro de Investigación en Computación, Mexico City, Mexico

## Program Co-Chairs

Krzysztof Janowicz, GeoVISTA Center, Department of Geography at Penn State University, USA  
Martin Raubal, University of California, Santa Barbara, USA

**Local Organizing Committee**, PIIG-Lab, Centro de Investigación en Computación, Mexico City, Mexico

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