



GEOS 2007

Second International Conference on GeoSpatial Semantics
November 29-30, 2007
Centro de Investigación en Computación, Mexico City, Mexico

CALL FOR PAPERS

Purpose and Scope

Geospatial semantics is an emerging research theme in the domain of geographic information systems and spatial databases. The first edition of the conference GeoS 2005, November 29-30, 2005, Mexico City, Mexico www.geosco.org/geos2005.htm was highly successful. We have received about 50 submissions, from which 15 regular and 4 short articles have been published in Volume 3799 of the Lecture Notes in Computer Science. People from 14 countries and 5 continents have attended GeoS 2005.

The second edition GeoS 2007 www.geosco.org aims at providing a timely 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 will bring together researchers whose expertise will address such issues as:

- Theories for geospatial semantic information
- Formal representations for geospatial data
- Models and languages for geoontologies
- Alignment and integration of geoontologies
- Integration of semantics into spatial query processing
- Similarity comparisons of spatial datasets
- Ontology-based spatial information retrieval
- Ontology-driven GIS
- Geospatial Semantic Web
- Multicultural aspects of spatial knowledge

Paper Submissions

Authors are invited to submit full papers of approx. 15 single-spaced pages, in English, formatted in Springer's Lecture Notes in Computer Science style (www.springer.de/comp/lncs/authors.html). Papers, formatted in PDF, must be submitted through the conference web site (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 2007 proceedings will be published as a volume in Springer's LNCS series.

Venue

GeoS 2007 will be held at the Centro de Investigacion en Computacion (CIC) in Mexico City (www.cic.ipn.mx). The conference site has a spectacular view of the Popocatepetl volcano, which will be snow-covered in late November. November 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

Papers submission	June 15, 2007
Notification of acceptance	August 15, 2007
Submission of camera-ready papers	August 30, 2007
Conference	November 29-30, 2007

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Sergei Levashkin, Centro de Investigacion en Computacion, Mexico City, Mexico

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M. Andrea Rodriguez-Tastets, Universidad de Concepcion, Chile

Local Organizing Committee, Centro de Investigacion en Computacion, Mexico City, Mexico

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