



CALL FOR PAPERS

International Workshop of Geoprocessing Semantic Processing of Spatial Data (GEOPRO'2003)

**November 4-5, 2003
Mexico City, Mexico**

SPONSORS

IPN, COTEPABE-COFAA, CIC, CONACYT, INEGI, IMP/PIMAYC, PCI Geomática, Industrias Peñoles (Mexico), Ecole des Mines de Paris-Centre de Morphologie Mathématique, IGN (France), Universitat Jaume I, Extremadura University, Real Jardín Botánico de Madrid, CSIC (Spain), ESRI (USA), Definiens Imaging GmbH/eCognition (Germany) and Technical Committee on Geoprocessing.

LOCATION

Mexico City lies on the American continent in a scenic valley of Distrito Federal. Mexico has worked to preserve its historical beauty and natural landscapes while establishing itself as a dynamic and versatile modern city in the heart of the country. It boasts a number of historical landmarks and artistic treasures, among them the "Teotihuacan Pyramids", the "Xochimilco Lake", the "Chapultepec Forest" and several museums.

While the history of this city holds great importance, Mexico also features an abundance of first-class recreational facilities. With its mixture of historical, cultural, and recreational offerings, Mexico is a city that holds something for everyone. It is a unique travel experience that should not be missed.

PURPOSE

This workshop will act as a forum for the presentation of innovative developments and the exchange of information for researchers and practitioners on the general topics of semantic processing of spatial data.

SCOPES

The topics to be covered include but are not limited to:

- Implementing Spatial Interoperability
- Raster to Vector Conversion
- Automatic Generalization
- Geo-Database Design, Automation and Management
- Remote Sensing Applications
- Cadastral and Land Records
- Cartography and Map Production
- Application Development
- Defense and Intelligence
- Semantic Interoperability
- Integrated Modeling and Management
- System Implementation for GIS
- Urban Modeling
- Spatial Methodology
- Geographic Data Warehouses and Data Depositories
- Geographic Data Mining and Knowledge Discovery

INTERNATIONAL PROGRAM COMMITTEE

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M. Torres	Centre for Computing Research, IPN, Mexico
R. Quintero	Centre for Computing Research, IPN, Mexico
A. Velázquez	Mexican Petroleum Institute /PIMAYC, Mexico

PROCEEDINGS

Prior to the workshop: e-Proceedings (CD) and "Research on Computing Science" (hard copy/Editorial CIC-IPN) - both are with ISBN.

After the workshop: Selected papers will be published in a volume [Lecture Notes in Computer Science](#) by [Springer-Verlag](#).

IMPORTANT DEADLINES

Submissions due	August 30, 2003
Notification of acceptance	September 30, 2003
Registrations and camera-ready manuscripts due	October 15, 2003

TUTORIAL PRESENTATIONS

We invite the specialists, researchers, engineers and practitioners to submit their proposals for tutorials in accordance to the workshop scopes.

GEOPRO Secretariat

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