

# V Ibero-American Symposium on Software Engineering and Knowledge Engineering JIISIC'06

Puebla, Mexico, February 1-3, 2006

## Scope of the Symposium

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JIISIC aims at establishing an Ibero-American forum for researchers and practitioners in the fields of software and knowledge engineering. The program committee will give priority to contributions that promote the integration of both disciplines, but innovative contributions to only one of the disciplines will be also welcomed.

## Topics of interest

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- Embedded and real-time software
- Artificial Intelligence Approaches to Software Engineering
- Component-Based Software Engineering
- Data Mining
- Design Methods
- Domain Modeling and Meta-Modeling
- Electronic Commerce
- Metrics and Empirical Software Engineering
- Theory and Formal Methods
- Human-Computer Interaction
- Computer-Supported Cooperative Work
- Industrial Applications
- Knowledge-Based and Expert Systems
- Knowledge Representation and Retrieval
- Knowledge Engineering Tools and Techniques
- Multimedia and Hypermedia Software Engineering
- Object-Oriented Technology
- Ontologies and Methodologies
- Patterns and Frameworks
- Process and Workflow Management
- Process Improvement
- Process Modeling
- Programming Languages and Software Engineering
- Requirements Engineering
- Software Components and Reuse
- Software Architectures and Design
- Software Maintenance and Evolution
- Software Quality
- Software Security
- Software Testing and Analysis
- Software Tools and Development Environments
- Tutoring, Help, Documentation Systems
- Validation and Verification
- Web-Based Knowledge Management
- Mobile computing
- Distribution and Parallelism
- Software Engineering Decision Support
- CASE Intelligent Tools
- Knowledge Acquisition
- Reverse Engineering
- Intelligent Agents
- Web-Based Tools, Systems, and Environments
- Semantic Web
- Usability

## Technical papers

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Submissions that address research and development on the above or other related topics are strongly encouraged. Submissions are expected to contain a scientific contribution (be it theoretical, methodological, or experimental), an interesting experience or be of pedagogical value. The scientific quality of each submitted paper will be examined by a body of international reviewers. Accepted papers will be collected and Published in the JIISIC'06 proceedings. They must be presented by one of the authors during the Symposium.

## How to submit a paper

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Papers must be submitted by links at home page of JIISIC'06 (<http://www.jiisic.org>). Papers are limited to 8 pages and must be written in English, Spanish or Portuguese. They must follow the style defined by IEEE Computer Society Press located at (<http://www.computer.org/cspress/instruct.htm>). It is strongly recommended that submissions are in PDF (Postscript and MS Word are the alternative formats). Papers that do not follow the aforementioned directions will be rejected without revision.

## Tutorials

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Tutorials can be either two or four hours long. Themes can cover any topic related to techniques, methodology theories or practices on software and knowledge engineering. The target audience for the tutorials will be students, researchers and practitioners, wishing to improve their knowledge on these areas.

## Important dates

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(Technical Papers) Submission deadline: 17/10/05

(Technical Papers) Notification of acceptance: 30/11/05

(Technical Papers) Final version: 15/12/05

Proposals for tutorials: - 1 de diciembre de 2005.

**JISIC'06 February 1 – 3, 2006.**

## Information and Questions

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Dr. Claudia Feregrino

E-Mail: [jiisic06@jiisic.org](mailto:jiisic06@jiisic.org)

Phone: +52(01 222) 2663100 ext. 8319

Fax: +52(01 222) 2663100 ext. 8302:

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## About the Venue

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Puebla City is a beautiful colonial City located 132 km from Mexico City by the federal highways 150D and 190 in the State of Puebla, Mexico. Regarding the traditional cuisine, the outstanding specialties in Puebla are: mole, pipian, tinga, chalupas, you can also enjoy camotes and some other delicious candies. In Puebla you can buy beautiful handicrafts such as ceramics, glassware, and pottery. Its agricultural production, cattle raising and industrial, Puebla is important, but much more its history and indigenous culture and also its colonial art. Beautiful cities and large amusements are waiting, such as Cholula.