

## Instructions for authors

All submitted papers should present research advances. Contributions will be selected upon their quality evaluated by at least two reviewers. Proposals for special sessions are welcome to be considered by the program committee.

One full registration will allow acceptance of up to two papers; each additional accepted paper associated to the same registration will be subject to an additional fee.

## Paper format

Submitted full papers are to be 6 to 8 pages length, written in English. Format files and a complete instruction set will be available from the webpage.

## Dates and Deadlines

### Submission of special sessions

Oct 12, 2007

### Submission of papers

Dec 7, 2007

### Notification of acceptance

Feb 16, 2008

### Submission of final versions of accepted papers

Mar 23, 2008

### Conference in Málaga

June 22-27, 2008

## Secretariat

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**IPMU | 08**  
Málaga  
Information Processing and Management of Uncertainty in  
Knowledge-Based Systems

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12th International Conference

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## Scope

The IPMU Conference is organized every two years with the focus of bringing together scientists working on methods for the management of uncertainty and aggregation of information in intelligent systems. This conference provides a medium for the exchange of ideas between theoreticians and practitioners in these and related areas.

In 2008, the conference will be held in Torremolinos, a touristic place very close to Málaga in southern Spain.

## Topics

### Theory methods and tools

Bayesian and Probabilistic Methods, Measure of Information and Uncertainty, Evidence Theory, Possibility Theory, Utility Theory, Measurement Theory, Belief Networks, Chaos Theory, Fuzzy Methods, Rough Sets. Belief Updating, Default Reasoning, Multivalued Logics, Temporal Reasoning, Non-standard Logics, Non-monotonic Logics, Approximate Reasoning. Knowledge Acquisition, Knowledge Representation, Uncertainty in Cognition, Information Incompleteness and Inconsistency, Genetic Algorithms, Evolutionary Computation, Machine Learning, Inductive Methods, Neural Networks, Aggregation Methods, Data Analysis.

### Application fields

Intelligent Systems, Fuzzy Control, Diagnosis Systems, Expert Systems, Hybrid Systems, Clustering, Classification, Databases, Image Processing, Intelligent Agents, Pattern Recognition, Medical Applications, Mechatronics, Financial Engineering, Multi-Media Management, Decision Support Systems, Dedicated Architectures and Software, Software Engineering, Multicriteria and Group Decision Making, Industrial Engineering, Information Systems, Information Retrieval, Information Fusion, Data Mining.

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