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IFIP AI 2006

Artificial Intelligence in Theory and Practice

IFIP
World Computer Congress
Santiago de Chile



August 20-25, 2006

IFIP AI 2006

Artificial Intelligence in Theory and Practice

Conference Chair

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Submission to:

<http://www.ifiptc12.org/ai2006>

IMPORTANT DATES

Deadline: January 15, 2006

Notification

acceptance/rejection: March 15, 2006

Camera Ready:

April 7, 2006

IFIP AI 2006:

August 20 - 25, 2006

Scope and Topics

Papers describing original work are invited in the areas listed below or other areas of Artificial Intelligence for oral presentation at the conference. Acceptance will be based on quality, relevance and originality and the practical value of the work.

Paper submission: Papers presenting original research in conference topics are being sought. All papers should be submitted electronically on the web site of the conference (<http://www.ifiptc12.org/ai2006>) in Portable Document Format (PDF). The name and affiliation of all authors should be included on the paper, and the contact information for the lead author should be added in a cover page. written in English should be sent before **January 15, 2006**.

Papers should be submitted following the norms described in the web page of the official publisher *Springer Science+Business Media, IFIP Series* (<http://www.springeronline.com>). The instructions for preparing the papers can be downloaded from [ftp://ftp.springer.de/pub/tex/latex/ifip/](http://ftp.springer.de/pub/tex/latex/ifip/) or consulted at <http://www.springeronline.com>.

Acceptance will be based on quality, relevance and originality and the practical value of the work. Authors will be notified of acceptance or rejection via e-mail by **March 15, 2006**. Full versions of accepted papers (camera-ready will be limited to 10 pages) must be written in English, and will be due by **April 7, 2006**.

The IFIP International Conference on Artificial Intelligence in Theory and Practice attempts to bring the various fields together and explore boundaries.

Industrial Applications of AI
Intelligent Decision Support Systems
Integration of AI with other Technologies
Evaluation of AI Systems
AI Languages, Programming Techniques and Tools
Knowledge Acquisition
Expert and Knowledge-based Systems
Fuzzy Logic and Plausible Inference
Neural Networks
Evolutionary Computation and Algorithms
Speech and Natural Language Interfaces
Machine Vision
Intelligent Information Retrieval
Genetic Algorithms
Planning and Scheduling
Bayesian Networks and Stochastic Reasoning

Evolutionary Programming
Learning and Adaptive Systems
Intelligent Agents
Distributed AI Algorithms, Techniques, and Applications
Distributed AI Systems and Architectures
Intelligent Tutoring Systems
Structured and Unstructured Data Mining
Case-Based Reasoning Systems
Hardware and Robotics
Social Impact, Acceptance and Implications of AI
Intelligent Systems Engineering and Design Methodologies
Ontologies and Semantic Web
Knowledge and Information Management
Business Process Management and Enterprise Portals
Organisational Memory Knowledge Systems
Inter-organisational KM portals
Knowledge Management, E-Learning and Enterprise Portals

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