Preliminary CALL FOR PAPERS and PROPOSALS

ICMWI'2010

International Conference on Machine and Web Intelligence

USTHB University, Algiers, October 3-5, 2010
http://www.icmwi2010.org

Conference Chair
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Graduate Students Track chair
Dr Thouraya BOUABANA-TEBIBEL, LCSI, ESI, Algeria

Paper submission
Submission of papers for ICMWI'2010 will be managed via the EasyChair system. Submissions must be anonymous, limited to 10 pages and written in English language. Detailed instructions are available on the conference website.

Review Process and Proceedings Publication
All papers submitted to ICMWI'2010 will be reviewed by three reviewers and evaluated on the basis of relevance, significance of contribution, and technical and presentation qualities. Accepted papers will be published in the conference proceedings.

General Information
For further information about ICMW'2010 please visit the web site at: http://www.icmwi2010.org

Important dates (GMT) :
Deadline for Track Proposals: **January 31, 2010**
Announcement of Tracks: **February 10, 2010**
Deadline for paper submission: **April 16, 2010**
Notification of acceptance: **May 31, 2010**
Camera-ready paper due: **June 18, 2010**
Start of registration Period: **July 14, 2010**

SCOPE

In the growing field of artificial intelligence, we are witnessing on one hand the great developments in problem solving, knowledge representation, automated reasoning, artificial vision, human machine interaction and web intelligence and on the other hand the emergence of new directions and challenges such as brain informatics, social network intelligence and cloud computing.

Within this new and rich context of AI engineering, the Laboratory for Research in AI (LRIA) of the Science and Technology University Houari Boumediene in Algiers (Algeria) and the Laboratory for Foundations of Computer Science (LIFL) of the University of Science and Technology of Lille 1 (France) organize the first International Conference on Machine and Web Intelligence (ICMWI'2010) which will be held in Algiers, October 3-4, 2010.

ICMWI'2010 will focus on all theoretical and practical aspects of machine intelligence and their fundamental interaction with the web. It is hence dedicated to bring together scientists from all over the world to share and exchange knowledge, experience and most recent developments and research in machine and web intelligence.

High-quality original submissions are welcome from all areas of contemporary AI. These include, but are not limited to, the following areas:

Machine intelligence	Web Intelligence
Agents and Multi-agent Systems	Intelligent Human-Web Interaction
Reasoning under Uncertainty	Web Information Filtering &Retrieval
Cognitive Modeling and Interaction	Electronic Commerce
Constraints Satisfaction and Search	Conversational Systems
Knowledge Representation and Reasoning	Browsing and Exploration
Machine Learning	Adaptive Web
Knowledge discovery and data mining	User Profiling/Clustering
Nature and bio-Inspired Computing	Negotiation Systems
Natural Language Processing	Security, Privacy, and Trust
Planning and Scheduling	Web Mining and Farming
Vision, Image Analysis and Robotics	Social Networks Mining
Pattern Recognition	Intelligent e-Technology
Ambiant Intelligence	Semantic Web
Qualitative and temporal reasoning	Web Agents
All languages and environments	Knowledge Grids & Grid Intelligence
Information Retrieval and Filtering	Grid Computing
Meta-heuristics and Evolutionary computation	Cloud Computing
Brain Informatics	Web Services
Semantics and Ontology Engineering	Search in Networks

Track Proposal
We are kindly inviting you to submit your track proposal to enrich the program of ICMWI'2010. Submitted proposals are welcome in all advanced areas of artificial intelligence. Detailed instructions are available on the website.

Graduate Students Track
This special track concerns the category of students preparing a Master or a PHD degree in the field of artificial intelligence. It will give them an opportunity to present their works and prepare them to enter the domain of research.

Keynote speakers

Salem Benferhat, University of Artois, France
Causal reasoning and compact representation of preferences

Kang Zhang, University of Texas at Dallas, Richardson, USA
Exploring Semantic Roles of Web Interface Components

Christos Bouras, Patras University (Greece)
Efficient extraction of news articles based on RSS crawling

Program Committee Chairs:

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Prof. Slimane LARABI, LRIA, USTHB, **Algeria**

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Nadjet Kamel	LRIA, USTHB University, **Algeria**		