

# VII Workshop de Agentes y Sistemas Inteligentes – XII CACiC, edition 2006

## Invited Editors

Dr. Guillermo Leguizamón  
Dr. Marcelo Errecalde  
Dr. Carlos I. Chesñevar

## Presentation

The “Workshop de Agentes y Sistemas Inteligentes” (WASI) is held as a joint event in the “Congreso Argentino de Ciencias de la Computación” (CACiC), an Argentine Conference which has been held yearly from 1995 in different cities of Argentina.

The WASI is a joint event created seven years ago aiming at meeting together researchers interested in the broad area of agents and intelligent systems covering the following topics but not limited to:

- Bio-inspired Metaheuristics
- Swarm Intelligence based Metaheuristics
- Multiagent Systems
- Automatic Learning
- Artificial Intelligence
- Robotics
- Neural Networks

It is worth remarking that during the last years has been observed a very important development of the WASI with respect to the quantity and quality of the presented articles, as well as an increase in contributions of authors from other countries.

In order to achieve a wider diffusion of the last contributions, the organizers of the WASI, edition 2006, have selected to be published in this journal, the best papers presented according to the reviewer evaluations. In addition, it was decided to ask the articles to be written in English as a requirement for achieving a broader diffusion among the researchers interested in the covered topics in this special event.

For the 2006 edition, the scientific committee of the VII WASI was conformed by Enrique Alba Torres (Spain), Carlos A. Coello Coello (México), Ken De Jong (USA), Juergen Dix (Germany), Susana Esquivel (Argentina), Lluís Godo (Spain), Jacek Koronacki (Poland), Juan Julián Merelo (Spain), Zbigniew Michalewicz (Australia), Martin Middendorf (Germany), Ronald Prescott Loui (USA), Iyad Rahwan (Dubay), Zbigniew Ras (USA), Carles Sierra (Spain), Guillermo Simari (Argentina).

For this special issue have been selected the nine best papers out of the twenty papers accepted. The selected papers, as described in the following, were resubmitted for a second phase of evaluation:

1) “Inconsistent Ontology Handling by Translating Description Logics into Defeasible Logic Programming” (Sergio Alejandro Gómez, Carlos Iván Chesñevar, Guillermo Ricardo Simari).

2) “Achieving an appropriate balance between precision, support, and comprehensibility in the evolution of

classification rules” (Emiliano Carreño, Neal Wagner y Guillermo Leguizamón).

3) “Skeletonization of Sparse Shapes using Dynamic Competitive Neural Networks” (Waldo Hasperué, Leonardo Corbalán, Laura Lanzarini y Oscar Bría).

4) “Modular Creation of Neuronal Networks for Autonomous Robot Control” (Germán L. Osella Massa, Hernán Vinuesa, Laura Lanzarini).

5) “Artificial Immune System for Solving Constrained Optimization Problems” (Victoria S. Aragón, Susana C. Esquivel y Carlos Coello Coello).

6) “Performance Evaluation of the Parallel Polytrees Approximation Distribution Algorithm on Three Network Technologies” (Julio Madera, Enrique Alba y Gabriel Luque).

7) “A Non-Monotonic Description Logics Model for Merging Terminologies” (Martín O. Moguillansky y Marcelo A. Falappa).

8) “On the construction of Dialectical Databases” (M. Capobianco, Carlos I. Chesñevar y Guillermo R. Simari).

9) “Relating DeLP and Default Logic”, (Telma Delladio y Guillermo R. Simari).

### Acknowledgments

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possible the evaluation and selection of the papers presented for consideration. At last, but not least important, we thank to the “Asociación Española para la Inteligencia Artificial” (AEPIA) for its continuous support and for letting us publish the best papers presented at the VII Workshop de Agentes y Sistemas Inteligentes, a joint event held with the XII Congreso Argentino de Ciencias de la Computación, edition 2006.

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