



Call for Workshop Proposals International Joint Conference IBERAMIA/SBIA/SBRN 2006

October 23-27, 2006 - Ribeirão Preto, SP, Brazil
<http://www.icmc.usp.br/iarn2006>

The IBERAMIA/SBIA/SBRN 2006 Organizing Committee invites proposals for workshops to be held at the International Joint Conference, which will take place October 23-27, 2006, in Ribeirão Preto-SP, Brazil.

The workshops will be held on October 27 and 28 (one day after the end of the conference).

We solicit proposals on any topic of interest to the International Joint Conference community, which includes:

IBERAMIA/SBIA 2006 topics

1. AI Development Tools and Methodologies
2. AI Foundations (philosophy, epistemology, economics, etc.)
3. AI in Education and Intelligent Tutoring Systems
4. Autonomous Agents and Multi-Agent Systems
5. Computer Vision and Pattern Recognition
6. Evolutionary Computation and Artificial Life
7. Hybrid Systems (Fuzzy, Genetic, Neural, Symbolic)
8. Knowledge Acquisition and Machine Learning
9. Knowledge Discovery and Data Mining
10. Knowledge Engineering, Ontologies and Case Based Reasoning
11. Knowledge Representation and Reasoning
12. Natural Language Processing
13. Planning and Scheduling
14. Robotics
15. Theoretical and Logical Methods
16. Uncertainty

SBRN topics

1. Applications: finances, data mining, neurocontrol, time series analysis, bioinformatics
2. Architectures: cellular NNs, hardware and software implementations, new models, weightless models

3. Cognitive Sciences: adaptive behaviour, natural language, mental processes
4. Computational Intelligence: evolutionary systems, fuzzy systems, hybrid systems
5. Learning: algorithms, evolutionary and fuzzy techniques, reinforcement learning, blind source separation
6. Neurobiological Systems: bio-inspired systems, biologically plausible networks, vision;
7. Neurocontrol: robotics, dynamic systems, adaptive control
8. Neurosymbolic processing: hybrid approaches, logical inference, rule extraction, structured knowledge
9. Pattern Recognition: signal processing, artificial/computational vision
10. Theory: radial basis functions, Bayesian systems, function approximation, computability, learnability, computational complexity

Working notes of the workshops will be made available to participants in electronic form (CD).

IMPORTANT DATES

February 10, 2006 - Deadline for submission of workshop proposals

March 17, 2006 - Notification of authors

Workshop Submission

All proposals should be submitted by electronic mail to the IBERAMIA/SBIA/SBRN Workshop Chair, Prof. Graça Nunes (gracan@icmc.usp.br) in plain ASCII text, no later than February 10, 2006.

Workshop Chair

Maria das Graças Volpe Nunes
(NILC/ICMC/USP – São Carlos, Brazil)
gracan@icmc.usp.br