

SECOND CALL FOR PAPERS

Neuro-Fuzzy

First International ICSC Conference on Neuro-Fuzzy Technologies

NF 2002

to be held in

Havana, Cuba

January 16 - 19, 2002

<http://www.icsc-naiso.org/conferences/nf2002>

International Computing Sciences Conventions (ICSC)

Natural and Artificial Intelligence Systems Organization (NAISO)

INTRODUCTION

During the past decade, paradigms and benefits from neuro fuzzy systems (NF) have been growing tremendously. Today, not only does NF solve scientific problems, but its applications are also appearing in our daily lives.

In order to discuss the state of the art in NF and the future of these exciting topics; we are honored to invite you to Neuro-Fuzzy 2002. We believe it will be an excellent opportunity to share our knowledge on NF and contribute to its development in the next century.

This major international conference will be held in a very enjoyable location: Havana, the capital of Cuba, where we hope you will experience the famous Cuban hospitality.

ORGANIZING COMMITTEE

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TOPICS SUGGESTED (not limited to)

- Advanced Neuro and Fuzzy Paradigms
- Data Granulation and Fuzzy Rule Extraction
- Advanced Training Algorithms
- Evolutionary Computation (GA, GP, ET) and Graphical Models
- Chaotic Behavior and Fractals
- Applications in signal processing, control, robotics, etc.

Of particular interest are applications from the following fields: Sound and image processing, pattern recognition, image understanding, feature binding, perception, sensor fusion, controller design, state observation, motor control, mobile robotics, autonomous navigation, deliberation and planning, active anchoring, gain-scheduling, fault detection, hardware solutions, data mining, financing, e-commerce.

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IFSA: International Fuzzy Systems Association
ISPJAE: Instituto Superior Politécnico Jose Antonio Echeverría
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UCLV: Universidad de Las Villas
UO: Universidad de Oriente
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Ministerio de Ciencia, Tecnología y Medio Ambiente de la República de Cuba
ICSC-NAISO Canada / The Netherlands

SCIENTIFIC PROGRAM

Updated information on special events such as keynotes /
plenary presentations, tutorials, workshops, panel sessions,
invited / plenary sessions will be available on the NF2002 web site:
<http://www.icsc-naiso.org/conferences/nf2002>

CALL FOR INVITED SESSIONS

The organization of invited sessions is encouraged. Prospective organizers are requested to send a session proposal (consisting of 4-5 invited papers, the recommended session-chair and co-chair, as well as a short statement describing the title and the purpose of the session) to the respective symposium chair or the congress organizer. Invited sessions should preferably start with a tutorial paper. The registration fee of the session organizer will be waived, if at least 4 authors of invited papers register to the conference.

POSTER PRESENTATIONS

Poster presentations are encouraged for people who wish to receive peer feedback, and practical examples of applied research are particularly welcome. Poster sessions will allow the presentation and discussion of respective papers, which will also be included in the conference proceedings.

CALL FOR TUTORIALS

Pre-conference tutorials on specific relevant topics are planned. Proposals for a tutorial must include the title, topics covered, proposed speakers, targeted audience and estimated length (preferably 2 or 4 hours). The proposal must be submitted to the general chair, the scientific program chair and the congress organizer by June 30, 2001. Tutorial papers of max 15 pages can be included in the conference proceedings.

CALL FOR WORKSHOPS

Interested scientists are encouraged to organize a workshop on their particular field of research. Workshops consist of several

presentations or open discussions on a specific subject. The proposal must include the title, the topics covered, the proposed speakers, the targeted audience and the estimated length. It should be submitted to the general chair, the scientific program chair and the congress organizer by June 30, 2001. Joint or edited workshop papers of max 35 pages can be included in the conference proceedings.

SUBMISSION OF PAPERS

Submission of papers can be done through our web site.

If you submit a paper you will receive a notification e-mail with your paper number. Please use this reference number in the subject line in all correspondence and send us a draft paper by email for review by the International Program Committee. Please do not send us any hard copies.

Please check our website for further instructions.

IMPORTANT DATES

Submission Deadline: June 30, 2001 (extended)

Notification of Acceptance: September 30, 2001 (extended)

Delivery of Final Manuscripts: October 31, 2001

Conference NF'2002: January 16-19, 2002

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