

## FIRST CALL FOR PAPERS

### TAINN 2004

Thirteenth Turkish Symposium on Artificial Intelligence and Neural Networks

June 10-11, 2004, Izmir, Turkey

#### Organized by :

Dokuz Eylul University  
Bogazici University

#### Conference Chairs :

Ethem Alpaydin, Bogazici Univ.  
Cuneyt Guzelis, Dokuz Eylul Univ.

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#### VENUE:

Turkish Symposium on Artificial Intelligence and Neural Networks is an annual forum for scientists and engineers to present the latest research results, ideas, developments and applications in fields of artificial intelligence and neural networks. This year it will be held at Phoakai Hotel Club in Eski Foca (Izmir), a touristic city at the west coast of Turkey.

You are cordially invited to join us between Thursday 10 - Friday 11 June, 2004.

#### AIMS AND SCOPE:

Papers presenting original research results and original implementations in the topics of interest listed below are solicited.

Philosophical issues of AI	Robotics
Expert Systems/KB	Evolutionary Algorithms
Multi-agent Systems and Distributed AI	Planning and Scheduling
Knowledge Management	Decision Making
Intelligent Interfaces: Multimedia, Virtual Reality	Hybrid Intelligent Systems
Natural Language Processing /Understanding	Logic Programming
Genetic Algorithms	Uncertainty / Probabilistic Reasoning
Fuzzy Logic	Neural Network Architectures
Belief Revision	Learning Algorithms
Machine Learning	Learning Theory
Intelligent Tutoring Systems	Generalization
Data Mining and Knowledge Discovery	Support Vector Machine
Knowledge Representation	Classification
Knowledge Verification, Sharing and Reuse	Clustering
Ontologies	Neural Networks for Optimization
Qualitative Reasoning	Neurodynamics and Attractor Networks
Constraint Programming	Fuzzy Neural Networks
Common Sense Reasoning	Neural Networks for Control, Communication, and Signal Processing
Nonmonotonic Reasoning	Engineering Applications of Neural Networks
Spatial and Temporal Reasoning	Hardware and Software Implementation(s)

#### PAPER SUBMISSION:

Authors are invited to submit research and application papers, not exceeding 10 pages representing original, previously unpublished work.

The symposium language is Turkish and English. The symposium will consist of invited talks, regular presentations, and poster sessions. All submitted papers will be reviewed and accepted papers will be published in the symposium proceedings.

Authors are encouraged to submit papers in the TAINN format using the on-line paper submission or by e-mail to the symposium address. The format of the paper submission is given at the symposium website.

#### CONTACTS:

TAINN 2004

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#### IMPORTANT DATES:

Paper Submission Deadline	: March 25, 2004
Notification of Acceptance	: April 16, 2004
Final Copy Due	: May 1, 2004