

CALL FOR PAPERS

19th International Conference on Artificial Neural Networks (ICANN 2009)

14-17 September 2009, Limassol, Cyprus

<http://www.kios.org.cy/ICANN09>



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IMPORTANT DATES

Proposals for Special Sessions and Workshops: **February 1, 2009**

Submission deadline for Regular and Special Session Papers:

February 15, 2009

Notification of Acceptance: **May 11, 2009**

Camera-ready final paper submission: **June 1, 2009**

Conference dates: **September 14-17, 2009**



The 19th International Conference on Artificial Neural Networks (ICANN 2009) will be held in Cyprus, at the seaside city of Limassol.

Located in the easternmost corner of the Mediterranean Sea, Cyprus is an island of spectacular beauty with alluring beaches and fragrant mountain peaks, vineyards studded with olive trees and ancient ruins that stir the imagination. A sophisticated country, whose nine-thousand-year cultural legacy infuses East and West. Cyprus is an historic island, the third largest in the Mediterranean, where modern travelers retrace the footsteps of figures as diverse as St. Paul, Alexander the Great and Leonardo da Vinci. And a romantic island, once Anthony's gift to Cleopatra and where, according to mythology, the goddess Aphrodite first emerged from the sea. Today, Cyprus is a modern country that joins European culture with ancient enchantment. Currently, Cyprus is a full member of the European Union, with Euro as its monetary currency. Cyprus can be reached by direct flights from several cities including London, Amsterdam, Athens, Paris, Frankfurt, Zurich, Vienna, Rome, Dubai, Moscow, Budapest, Prague, etc. The conference venue is the GrandResort, a luxurious five star hotel located at a superb beach side location in the Amathus area of Limassol, which is the second largest city of Cyprus.

ICANN 2009 will provide a high-level international forum for the academic and industrial community to address new challenges, share solutions and discuss future research directions in neural networks, learning systems, computational intelligence, and real-world applications.

CALL FOR PAPERS, SPECIAL SESSIONS AND WORKSHOP PROPOSALS

Prospective authors are invited to contribute high quality papers in the topic areas listed below and proposals for special sessions and workshops.

Special sessions aim to bring together researchers in special focused topics. Each special session should include 6 contributing papers. A proposal for a special session should include a summary statement (1-2 pages long) describing the motivation and relevance of the proposed special session, together with the article titles and author names of the papers that will be included in the special session.

Workshops will consist of a panel of invited experts, which after presenting the subject will moderate an open debate. No individual papers will be submitted and no papers will appear in the proceedings. A proposal for a Workshop should include a summary statement (2-3 pages) describing the topic and motivation of the workshop and a list of the workshop panelists.

TOPIC AREAS

The scope of the conference will cover, but is not limited to, the following areas: Computational neuroscience; Connectionist cognitive science; Data analysis and pattern recognition; Graphical networks models, Bayesian networks; Hardware implementations and embedded systems; Intelligent Multimedia and the Semantic Web; Neural and hybrid architectures and learning algorithms; Neural control, planning and robotics applications; Intelligent control and adaptive systems; Neural dynamics and complex systems; Neuroinformatics and bioinformatics; Self-organization; Sequential and structured information processing; Signal and time series processing, blind source separation; Vision and image processing; Brain-computer interface and cognitive architectures; Computational intelligence applications to biomedical systems, critical infrastructure systems, manufacturing, intelligent environmental systems,

PAPER SUBMISSION

Authors are invited to submit full-length papers (maximum 10 pages, single-spaced, single-column) by the submission deadline through the online submission system. Potential organizers are also invited to enlist 6 papers with cohesive topics to form special sessions. All submitted papers (regular and special session papers) will be reviewed by experts in the field. The authors of accepted papers will have the opportunity to revise their paper, taking into consideration the referees' comments and suggestions, before submitting the final draft for inclusion in the conference proceedings, which will be published by Springer (LNCS series). The submission of a paper implies that the paper is original and has not been submitted elsewhere, that at least one author will register and pay the registration fee and that it will be presented by an author if accepted.

Details for the submission and all information concerning the symposium can be found at the symposium web site at <http://www.kios.org.cy/ICANN09>.

