Call for Papers: ALT'01

The Twelfth International Conference on Algorithmic Learning Theory

Washington, DC, USA

November 25–28, 2001

The 12th International Conference on Algorithmic Learning Theory (ALT'01) will be held in Washington DC (USA), during November 25–28, 2001. The conference will be co-located with the fourth international conference on Discovery Science (DS'2001). The main objective of the conference is to provide an interdisciplinary forum for discussion of theoretical foundations of machine learning, as well as their relevance to practical applications.

Topics of Interest: We invite submissions to ALT'01 in all areas related to algorithmic learning theory, and those that are aimed at bridging theory and practice. Topics of interest include (but are not limited to): the design and analysis of learning algorithms, computational models of machine learning (such as on-line learning, learning via queries, inductive inference, PAC-learning), specific algorithmic approaches (boosting, kernel methods, MDL-estimation), learning complex models (neural networks, Bayesian networks, inductive logic programming, grammatical inference, case-based reasoning), machine discovery, and applications of machine learning to data mining, the web and bioinformatics.

Invited Talks. There will be several invited talks by prominent researchers in the field.

Submissions. Authors may either e-mail postscript files of their papers to roni@eecs.tufts.edu, or submit nine copies of their papers to :

Roni Khardon
EECS Department, Tufts University
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Important dates:

Submission deadline: May 10, 2001.
Notification of acceptance: July 1, 2001.
Camera ready due: August 1, 2001.

Format: The submitted paper should consist of a cover page with title, authors' names, postal and e-mail addresses, an approximately 200 word summary, and a body not longer than ten (10) A4 or letter size pages in twelve-point font. You may use appendices to include long but major proofs. If you submit hard-copies, double-sided printing is encouraged.

Policy: Each submitted paper will be reviewed by the members of the program committee and judged on clarity, significance, and originality. Joint submissions to other conferences with published proceedings are not allowed. Papers that have appeared in journals or other conferences are not appropriate for ALT'01.

Proceedings will be published as a volume in the Lecture Notes Series in Artificial Intelligence, Springer-Verlag, and will be available at the conference. Selected papers of ALT'01 will be invited to a special issue of the journal *Theoretical Computer Science*.

E.M. Gold Award: One scholarship of $500 sponsored by IFIP Working Group 1.4 will be awarded to a student author (please mark student submissions on title page) of an excellent paper.

Conference Chair:

Thomas Zeugmann
Medizinische Universität Lübeck, Germany
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Program Committee Chairs:

Naoki Abe (IBM, USA)
Roni Khardon (Tufts Univ., USA)

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Conference Homepage:
http://www.eecs.tufts.edu/~roni/ALT2001/