Call for Papers: ALT 2002

The 13th International Conference on Algorithmic Learning Theory

Mövenpick Hotel, Lübeck, Germany

November 24 - 26, 2002

The 13th International Conference on Algorithmic Learning Theory (ALT 2002) will be held at the Mövenpick Hotel, Lübeck, Germany, during November 24–26, 2002. 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. The conference will be co-located with the 5th International Conference on Discovery Science (DS 2002).

Topics of Interest: We invite submissions to ALT 2002 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* (*e.g., on-line learning, learning via queries, inductive inference, statistical learning*), *specific algorithmic approaches* (*e.g., margin-based algorithms, MDL estimation*), *learning complex models* (*e.g., neural networks, Bayesian networks, logical formulae, grammars, instance-based models*), *machine discovery, and applications of machine learning to other fields* (*e.g., data mining, web mining, bioinformatics*).

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

Submissions. Authors are encouraged to submit their papers electronically. Details are given at the conference web-page. Alternatively, they may submit nine hard copies of their papers to:

> **Nicolò Cesa-Bianchi**
> Dipartimento di Tecnologie dell'Informazione
> Università degli Studi di Milano
> via Bramante 65, 26013 Crema (CR), Italy

which must be received by the deadline given below.

Important Dates.

> Submission deadline: May 12, 2002
> Notification of acceptance: July 1, 2002
> Camera ready due: August 2, 2002

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 sized 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 be 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 2002.

Proceedings will be published as a volume in the Lecture Notes Series in Artificial Intelligence, Springer, and will be available at the conference.
Selected papers of ALT 2002 will be invited to a special issue of the journal *Theoretical Computer Science*.

E.M. Gold Award. One scholarship of $ 500 will be awarded to a student author (please mark student submissions on the title page) of an excellent paper.

Conference Chair:

> Rüdiger Reischuk
> Medizinische Universität zu Lübeck, Germany
> `reischuk@tcs.mu-luebeck.de`

Program Committee Chairs:

> Nicolò Cesa-Bianchi (Univ. Milano, Italy)
> Masayuki Numao (Titech, Japan)

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> N. Abe (IBM, Yorktown, USA)
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> K. Ming Ting (Monash University, Australia)
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For more information, please contact:

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Masayuki Numao (`numao@cs.titech.ac.jp`)

Conference Homepage:

http://www.tcs.mu-luebeck.de/pages/alt02.html