



# ALT '03

# DS '03

14th International Conference  
on Algorithmic Learning Theory

6th International Conference  
on Discovery Science

## Local Arrangements Chair:

Makoto Haraguchi, Hokkaido University Sapporo, Japan, makoto@db-ei.eng.hokudai.ac.jp

### Conference Chair

Klaus P. Jantke  
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### Program Committee Chairs

Ricard Gavaldà (Technical Univ. of Catalonia, Spain)  
Eiji Takimoto (Tohoku Univ., Japan)

### Program Committee

Hiroki Arimura (Kyushu Univ., Japan)  
Shai Ben-David (Cornell and Technion, USA, Israel)  
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Hans-Ulrich Simon (Ruhr-Univ. Bochum, Germany)  
Frank Stephan (Univ. Heidelberg, Germany)  
Christino Tamon (Clarkson Univ., USA)

**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.

**E.M. Gold Award:** One scholarship of 555 EUR will be awarded to a student author (please mark student submissions on the title page) of an excellent paper.

### Conference Homepage

<http://www.tcs.mu-luebeck.de/pages/alt03.html>

### Conference Chair

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### Program Committee Chairs

Gunter Grieser (Technical Univ. Darmstadt, Germany)  
Akihiro Yamamoto (Hokkaido Univ., Japan)

### Program Committee

Simon Colton (Imperial College, UK)  
Vincent Corruble (Univ. Curie Paris, France)  
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Henk W. de Regt (Free Univ. Amsterdam, Netherlands)  
Tobias Scheffer (TU Magdeburg, Germany)  
Ljupco Todorovski (Jozef Stefan Institute, Slovenia)  
Jan Rauch (Univ. of Economics, Czechoslovakia)  
Ken Satoh (National Institute of Informatics, Japan)  
Einoshin Suzuki (Yokohama National Univ., Japan)  
Masayuki Takeda (Kyushu Univ., Japan)  
Gerhard Widmer (Austrian Research Institute for AI, Austria)

**Topics of interest include (but are not limited to):** logic for/of knowledge discovery; knowledge discovery by inferences; abductive reasoning; heuristic search; constructive programming as discovery; knowledge discovery from texts and the Web; knowledge discovery from unstructured and multimedia data; knowledge discovery in databases; data mining; data and knowledge visualization; active mining; knowledge discovery in network environments; intelligent network agents; machine learning; statistical methods and neural networks for knowledge discovery; Bayesian networks; knowledge discovery and human interaction; human factors in knowledge discovery; philosophy and psychology of discovery; chance discovery; scientific discovery; application of knowledge discovery to natural and social sciences.

### Conference Homepage

<http://www.intellektik.informatik.tu-darmstadt.de/DS03/>

## Submission Details:

Submission Deadline: April 12, 2003; Notification of Acceptance: June 1, 2003; Camera Ready due: July 1, 2003

# SAPPORO, JAPAN

October 17-19, 2003 Hokkaido University