



ECML/PKDD-2002 Call for Papers

13th European Conference on Machine Learning (ECML'02)

6th European Conference on Principles and Practice of
Knowledge Discovery in Databases (PKDD'02)

19-23 August 2002

Helsinki, Finland

<http://ecmlpkdd.cs.helsinki.fi/>

The 13th European Conference on Machine Learning (ECML) and the 6th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD) will be co-located in Helsinki, Finland, in August 2002. Co-ordination of the two conferences provides ample opportunities for cross-fertilization between the two areas, and follows the success of jointly organized [ECML/PKDD in 2001](#).

ECML Call for Papers

The European Conference on Machine Learning series is intended to provide an international forum for the discussion of the latest high quality research results in machine learning and is the major European scientific event in the field. Submissions are invited that describe empirical and theoretical research in all areas of machine learning. Submissions of papers that describe the application of machine learning methods to real-world problems are encouraged.

Topics of interest (non-exhaustive list):

- abduction
- analogy
- artificial neural networks
- bayesian networks
- case-based reasoning
- cognitive modelling
- computational learning theory
- cooperative learning
- evolutionary computation
- genetic learning
- grammatical inference
- inductive learning
- inductive logic programming
- information retrieval and learning
- knowledge acquisition and learning
- knowledge base refinement
- knowledge intensive learning
- machine learning of natural language
- multi-agent learning
- multistrategy learning
- pattern recognition
- planning and learning
- reinforcement learning
- revision and restructuring
- robot learning
- statistical approaches
- vision and learning

PKDD Call for Papers

Data Mining and Knowledge Discovery in Databases (KDD) is a combination of many research areas: databases, statistics, machine learning, automated scientific discovery, inductive logic programming, artificial intelligence, visualization, decision science, and high performance computing. While each of these

areas can contribute in specific ways, KDD focuses on the value that is added by creative combination of the contributing areas. The goal of PKDD is to provide a forum for interaction among all theoreticians and practitioners interested in data mining.

Topics of interest (non-exhaustive list):

- anytime algorithms
- applications
- database integration
- dimensionality reduction
- discretization
- distributed mining
- incremental algorithms
- inductive databases
- interactive mining
- knowledge discovery process
- multimedia mining
- OLAP and data warehouse integration
- personalization and adaptivity
- parallel mining
- relational mining
- scalable algorithms
- scientific discovery
- text mining
- time-series mining
- visualization
- web mining

Paper Submission

There is a single electronic submission procedure: authors indicate whether they submit their paper to ECML, PKDD, or both. In the latter case, the topic of the joint submission must be within the scope of both conferences; accepted joint submissions are assigned to the more appropriate of the conferences. All submissions will be reviewed by the respective program committees.

The proceedings of both conferences will be published by Springer-Verlag in the [Lecture Notes in Artificial Intelligence](#) series and will be available in the conference.

Important Dates

Submission deadline: Wednesday 27 March 2002

Notification of acceptance: Monday 6 May 2002

Camera-ready copies due: Monday 27 May 2002

For details of the submission procedure, see the conference website at <http://ecmlpkdd.cs.helsinki.fi/>

ECML/PKDD Program Chairs

Tapio Elomaa, [University of Helsinki](#)

Heikki Mannila, [Helsinki Institute for Information Technology](#) and [Nokia Research Center](#)

Hannu T. T. Toivonen, [University of Helsinki](#) and [Nokia Research Center](#)

For more details, see the conference website at <http://ecmlpkdd.cs.helsinki.fi/>