

Foreword

The biennial European Conference on Machine Learning (ECML) 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. The eleventh conference (ECML 2000) held in Barcelona, Catalonia, Spain from May 31 to June 2, 2000, has continued this tradition by attracting high quality papers from around the world.

Scientists from 21 countries submitted 100 papers to ECML 2000, from which 20 were selected for long oral presentations and 23 for short oral presentations. This selection was based on the recommendations of at least two reviewers for each submitted paper. It is worth noticing that the number of papers reporting applications of machine learning has increased in comparison to past ECML conferences. We believe this fact shows the growing maturity of the field.

This volume contains the 43 accepted papers as well as the invited talks by Katharina Morik from the University of Dortmund and Pedro Domingos from the University of Washington at Seattle. In addition, three workshops were jointly organized by ECML 2000 and the European Network of Excellence MLnet: “Dealing with Structured Data in Machine Learning and Statistics Websites”, “Machine Learning in the New Information Age” , and “Meta-Learning: Building Automatic Advice Strategies for Model Selection and Method Combination”. Finally, a special workshop on “Learning Agents” was jointly organized by ECML 2000 and the co-located International Conference on Autonomous Agents. Information on the workshops can be found on the ECML 2000 web page: <http://www.iia.csic.es/ecml2000/>.

We gratefully acknowledge the work of the invited speakers and the authors of the submitted papers that made this conference possible. We also thank the program committee and the additional reviewers for their effort during the paper selection process. Our gratitude also goes to the ECML 2000 sponsors: MLnet, CSIC, CICYT, and ACIA, as well as to Gemma Sales for her assistance in the organization of the conference.

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Ramon López de Mántaras
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Organization

The 11th European Conference on Machine Learning took place on May 30th to June 2nd 2000 in Barcelona, Catalonia (Spain).

Program Chairs

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Conference Support

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