

# Lecture Notes in Artificial Intelligence 2111

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# Computational Learning Theory

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# Preface

This volume contains papers presented at the joint 14th Annual Conference on Computational Learning Theory and 5th European Conference on Computational Learning Theory, held at the Trippenhuis in Amsterdam, The Netherlands from July 16 to 19, 2001.

The technical program contained 40 papers selected from 69 submissions. In addition, David Stork (Ricoh California Research Center) was invited to give an invited lecture and make a written contribution to the proceedings.

The Mark Fulk Award is presented annually for the best paper co-authored by a student. This year's award was won by Olivier Bousquet for the paper "Tracking a Small Set of Modes by Mixing Past Posteriors" (co-authored with Manfred K. Warmuth).

We gratefully thank all of the individuals and organizations responsible for the success of the conference. We are especially grateful to the program committee: Dana Angluin (Yale), Peter Auer (Univ. of Technology, Graz), Nello Christianini (Royal Holloway), Claudio Gentile (Università di Milano), Lisa Hellerstein (Polytechnic Univ.), Jyrki Kivinen (Univ. of Helsinki), Phil Long (National Univ. of Singapore), Manfred Oppert (Aston Univ.), John Shawe-Taylor (Royal Holloway), Yoram Singer (Hebrew Univ.), Bob Sloan (Univ. of Illinois at Chicago), Carl Smith (Univ. of Maryland), Alex Smola (Australian National Univ.), and Frank Stephan (Univ. of Heidelberg), for their efforts in reviewing and selecting the papers in this volume.

Special thanks go to our conference co-chairs, Peter Grünwald and Paul Vitányi, as well as Marja Hegt. Together they handled the conference publicity and all the local arrangements to ensure a successful conference. We would also like to thank ACM SIGACT for the software used in the program committee deliberations and Stephen Kwek for maintaining the COLT web site.

Finally, we would like to thank The National Research Institute for Mathematics and Computer Science in the Netherlands (CWI), The Amsterdam Historical Museum, and The Netherlands Organization for Scientific Research (NWO) for their sponsorship of the conference.

May 2001

David Helmbold  
Bob Williamson  
Program Co-chairs  
COLT/EuroCOLT 2001

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