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Graph Drawing

14th International Symposium, GD 2006
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Revised Papers

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Preface

The 14th International Symposium on Graph Drawing (GD 2006) was held in Karlsruhe, Germany, during September 17-20, 2006. The conference attracted 108 participants from 18 countries.

In response to the call for papers, the Program Committee received 91 submissions by (co)-authors from 31 countries. At least three Program Committee members reviewed each submission, and after an intensive evaluation phase, the Program Committee selected 33 long papers, 5 short papers, as well as one system demo and 3 posters. The authors received extensive comments and excerpts from the discussion on their papers. The best paper award went to Jan Arne Telle and David R. Wood for their paper with the title “Planar Decompositions and the Crossing Number of Graphs with an Excluded Minor.”

The Chairs of the conference invited two distinguished lecturers: Emo Welzl from the ETH in Zürich gave a very nice and inspiring presentation on “The Number of Crossing-Free Configurations in Planar Point-Sets.” Oliver Deussen from the Universität Konstanz talked about “The Algorithmic Beauty of Virtual Nature.” Abstracts of the two invited lectures can also be found in this volume.

An ambitious graph drawing contest took place this year under the guidance of Christian Duncan, who also included a report in this volume. In the software exhibition the industrial sponsors of the conference, Tom Sawyer Software, yWorks GmbH and ILOG Inc., had the chance to provide a closer look at the products and developments. Furthermore, Ralph Schunk (Universität zu Köln) presented his software tool “CUPE - CUBIC Pathway Editor.”

Many people contributed to the success of GD 2006. First of all, the authors of submitted contributions deserve special thanks, as well as the members of the Program Committee for the careful work and the extensive discussions. For the organizational aspects, we are especially grateful to Lilian Beckert and Michael Baur, who kept the meeting running and took care of all the big and small things which have to be considered during such a meeting.

The conference received considerable support from the hosting organization, Universität Karlsruhe (TH), and from the German Research Foundation DFG. Furthermore, we are grateful to our two gold sponsoring partners, Tom Sawyer Software and yWorks GmbH, as well as to the silver sponsor, ILOG Inc.

Next year, the symposium will take place in Sydney, Australia, and will be hosted by Seok-Hee Hong and Takao Nishizeki at the University of Sydney.

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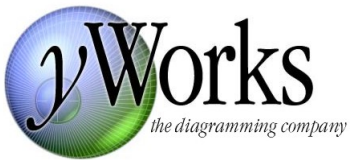
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