

Lecture Notes in Computer Science

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Graph-Theoretic Concepts in Computer Science

18th International Workshop, WG '92
Wiesbaden-Naurod, Germany, June 18-20, 1992
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Preface

The 18th International Workshop on Graph-Theoretic Concepts in Computer Science (WG'92) was held at the Wilhelm-Kempf-Haus in Wiesbaden-Naurod, Germany, June 18–20, 1992. It was organized by the Theoretical Computer Science group of the Department of Computer Science (Fachbereich 20) at the Johann Wolfgang Goethe-University in Frankfurt am Main, Germany.

The successful tradition of the WG workshops is evidenced, among others, by the list of locations and organizers for earlier years:

Berlin	1975	U. Pape
Göttingen	1976	H. Noltemeier
Linz	1977	J. Mühlbacher
Castle Feuerstein near Erlangen	1978	M. Nagl and H.-J. Schneider
Berlin	1979	U. Pape
Bad Honnef	1980	H. Noltemeier
Linz	1981	J. Mühlbacher
Neunkirchen near Erlangen	1982	H.-J. Schneider and H. Göttler
Haus Ohrbeck near Osnabrück	1983	M. Nagl and J. Perl
Berlin	1984	U. Pape
Castle Schwanberg near Würzburg	1985	H. Noltemeier
Monastery Bernried near München	1986	G. Tinhofer and G. Schmidt
Castle Banz near Bamberg	1987	H. Göttler and H.-J. Schneider
Amsterdam	1988	J. van Leeuwen
Castle Rolduc near Aachen	1989	M. Nagl
Johannisstift Spandau in Berlin	1990	R.H. Möhring
Richterheim Fischbachau near München	1991	G. Schmidt and R. Berghammer

The program committee of WG'92 consisted of:

Giorgio Ausiello	University of Rome "La Sapienza", Italy
Thomas Lengauer	University of Paderborn, Germany
Ernst W. Mayr	University of Frankfurt, Germany
Rolf Möhring	Technical University of Berlin, Germany
Manfred Nagl	Technical University of Aachen, Germany
Hartmut Noltemeier	University of Würzburg, Germany
Gunther Schmidt	University of the Armed Forces at Munich, Germany
Hans-Jürgen Schneider	University of Erlangen-Nürnberg, Germany
Gottfried Tinhofer	Technical University of Munich, Germany
Jan van Leeuwen	University of Utrecht, The Netherlands

The call for papers for WG'92 was mailed, and posted on several electronic bulletin boards, in early October 1991, soliciting contributions with original results in

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the study and application of graph-theoretic concepts in various fields of computer science. As a consequence, 72 papers were submitted and reviewed by the program committee. Almost all submissions were carefully refereed by four or more members of the program committee; a few got by with reports from just three members. Thanks are due to the members of the program committee and all those who helped them to condense lengthy papers to just a few lines of comments.

After collecting, combining, weighing and weighting all these reports, 29 papers were selected for presentation at the workshop. The workshop then took place June 18–20, 1992, and was attended by 61 scientists from the following countries: Australia, Austria, Canada, Czechoslovakia, Denmark, France, Germany, Israel, Italy, Japan, The Netherlands, Poland, Switzerland, Taiwan, the United Kingdom, and the United States of America.

This volume contains all contributed papers of the workshop. They have all undergone careful revision after the meeting, based on the discussions and comments from the audience and the referees.

Special thanks have to go to the people running the Wilhelm-Kempff-Haus in Wiesbaden-Naurod, which turned out to be the perfect place for a workshop like this. The organization, the facilities, the surroundings, and the hospitality deserve praise and admiration. Finally, this editor would also like to say a special thank you to Oltea Hantel, Volker Heun, and Ralph Werchner who helped to organize the workshop and take care of many small catastrophes.

Frankfurt, November 1992

Ernst W. Mayr

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