Foreword

The papers in this collection were presented at the Eighteenth European Workshop on Computational Geometry, held in Warsaw, Poland, April 10-12, 2002. The workshop was organized at the Faculty of the Mathematics, Informatics and Mechanics of the Warsaw University in cooperation with the Interdisciplinary Centre for Mathematical and Computational Modelling, the Stefan Banach Centre of Excellence and the Foundation for Information Technology Development. The assistance of the Department of Computer Science of the University of Kentucky is also acknowledged.

The goal of this annual workshop is to bring together the researchers and students from academia and industry interested in Computational Geometry and related fields and to promote - in a relaxed and informal atmosphere - discussion and diffusion of the most recent work, leading to the establishment of new collaborations and research projects.

Following the tradition of the workshop, many of the included papers represent reports of continuing research, and it is expected that most of them will appear in their complete and final versions in scientific journals. Selected papers from the workshop will appear in a special issue of the “Computational Geometry: Theory and Applications”. We thank everyone who responded to the Call for Papers and wish to thank Drs. Herbert Edelsbrunner, Zbigniew Marciniak, and Gert Vegter for giving invited plenary lectures.

The organizers are very grateful to the sponsoring institutions and the numerous individuals who helped in organizing and running the workshop. The experience and advice of the chairs of the previous meetings of the European Workshop on Computational Geometry, Dr. Helmut Alt (17th EWCG, Berlin, Germany), Dr. Matt Katz and Dr. Klara Kedem (16th EWCG, Eilat, Israel), were extremely useful to our work.

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