Foreword

The Eighteenth International Conference on Scientific and Statistical Database Management was held from 3rd to 5th July 2006 at the University Vienna, Austria. This proceedings contain full papers, short papers and demonstration papers presented at the conference. Altogether 33 full papers, 5 short papers, and 5 demonstration papers were selected from 72 submissions by a distinguished program committee. Topics covered are scientific database management, experiment data management, data streams and time series data, data mining and visualization, conceptual modeling and OLAP, ontologies and metadata management as well as algorithmic aspects of scientific data.

We would like to thank all the colleagues who submitted papers to this conference, regardless of its acceptance. Our thanks go to the members of the program committee who did their job with great diligence and accepted the considerable time pressure. Special thanks go to the members of the SSDBM steering committee, in particular Arie Shoshani, for their encouragement and advice.

Many other people and institutions helped during the preparation of the conference. Ms. Christine Haas and Ms. Karin Hiebler of the Austrian Computer Society helped in setting up and managing the conference website, Ms. Heidi Lembacher (Electronic Commerce Competence Center, Vienna) did an extraordinary job as conference secretary and Ms. Monika Gregor supported the team at the University of Vienna. Institutional and financial support came from the University Vienna, the Austrian Ministry for Transport, Innovation and Technology (bm:vit), the Austrian Computer Society (OCG), WebGes Web Design GmbH, and the Electronic Commerce Competence Center (EC3).

We wish all participants an interesting conference and stay in Vienna.

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