Preface

It is our pleasure to introduce the Proceedings of SIBGRAPI/SIACG 2004, the “Brazilian Symposium on Computer Graphics and Image Processing” (SIBGRAPI) and the “Ibero-American Symposium on Computer Graphics” (SIACG), held on October, 17-20, 2004 in Curitiba, Brazil, as a joint event.

SIBGRAPI is the most important Brazilian meeting in the areas of Computer Graphics, Image Processing, and Computer Vision. The first meeting took place in 1988 with the sponsorship of the Brazilian Computer Society. This is the 17th edition. Attesting the relevance and quality of SIBGRAPI meetings, the proceedings have been published by the IEEE Computer Society Press since 1997. SIACG is a bi-annual symposium sponsored by the Eurographics Spanish and Portuguese chapters. Its first meeting took place in 2002 in Portugal, and this is the second edition.

This year we received 145 full papers. Each one was evaluated by three reviewers under the responsibility of the International Program Committee, composed of 71 members. A total of 178 reviewers helped us with the difficult task of evaluating the papers. This volume contains the 50 full papers which were selected for oral presentation at SIBGRAPI/SIACG 2004.

In addition to the full paper submissions, a considerable amount of compelling work was submitted to the multiple events which integrate the symposium, indicating that the symposium is continuing to grow both quantitatively and qualitatively.

We remark the four prestigious invited speakers of this year: Prof. Patrick Hanrahan from Stanford University, Prof. Kim Boyer from Ohio State University, Prof. Xavier Pueyo from Universitat de Girona and Prof. Jorge Stolfi from Unicamp.

We would like to thank our institutions and sponsors for their support, without which the event would not be possible: Brazilian National Research Counsel (CNPq), Brazilian Comission for Higher Education (CAPES), Brazilian FINEP, the Brazilian Computer Society (SBC), the Eurographics Spanish and Portuguese chapters, the IAPR Portuguese and Brazilian chapters, and the IEEE Computer Society.

We are also deeply grateful to the many people who volunteered their hard work to ensure this high quality and successful symposium: the local organization committee, the several committees in charge for the different activities, the invited speakers, the tutorial instructors, the reviewers, and finally the authors.

Enjoy SIBGRAPI/SIACG in Curitiba, the Green City of Brazil!

Arnaldo de Albuquerque, João Comba, A. Augusto de Sousa, and Isabel Navazo
For the Program Committee

Olga Regina Pereira Bellon
For the Organizing Committee

Ricardo de Queiroz
For the Publication Committee