

Preface

This volume contains the proceedings of the fifth Ibero-American Symposium on Computer Graphics, held in Algarve, Portugal, on June 1 – June 3, 2011. The goal of this conference is to bring together the latest research results on a wide range of topics, from animation to rendering, computational photography or virtual reality. In addition to providing a place to communicate new results, SIACG fosters interaction, and hopes to help define new productive directions for research and applications.

We received 56 paper submissions this year, which is a very healthy number. Each submission was reviewed by at least three members of the International Program Committee or assigned external reviewers. Based on the reviews, we accepted 22 as full papers (roughly a 39% acceptance ratio) and 12 as short papers; scientific interest and innovation were the only selection criteria. All the accepted papers are to be presented orally at the conference, with 20 minutes allocated for long papers and 10 for short. For those that were not selected, we hope that the feedback from the reviews will help the authors improve future submissions.

The papers cover a wide range of topics. We have placed them in six sessions, with most of them sharing long and short presentations:

- Data Visualization
- Light Fields and Image Processing
- Displays and Computational Photography
- Modeling and Simulation
- 3D Modeling and Interaction
- Medical Data Visualization

After the conference, the two best papers will be selected and invited to submit an extended version to the Computer Graphics Forum journal, based on both the reviews and the presentations. Besides, another five papers will be selected and invited to submit an extended version to the International Journal of Creative Interfaces and Computer Graphics (IJCICG). All these papers will be reviewed again to ensure that they contain a sufficiently large amount of new material not covered in the SIACG version.

We would like to thank everybody involved in organizing this conference and putting together these proceedings, the authors of all submissions and the IPC members and external reviewers. It has been an honor to serve as Program Chairs of SIACG 2011, and we hope we have met the high standards that the conference demands.

SIACG 2011 Program Chairs

Diego Gutierrez (Universidad de Zaragoza, Spain)

Frutuoso Silva (Universidade da Beira Interior, Portugal)

Jorge Ernesto Rodríguez (Universidad de Carabobo, Venezuela)

