Preface

This proceeding contains all papers accepted to the 15th Pacific Conference on Computer Graphics and Applications (Pacific Graphics 2007), held in Maui, Hawaii (USA) from October 29 to November 2, 2007. Pacific Graphics is an annual international conference on computer graphics and applications. Although with a Pacific Rim focus, Pacific Graphics consistently attracts researchers from around the world. Previous conferences were held in Seoul, Beijing, Taipei, Singapore, Hong Kong, Tokyo, Canmore, and Macau.

Pacific Graphics 2007 received a total of 179 submissions which were reviewed by 142 Program Committee members and 28 external reviewers. The reviewing process resulted in 39 regular papers for oral presentations and 18 short papers for poster presentations, all of which are printed in this volume. The papers span a diverse set of areas in computer graphics, including:
- Animation
- Physical simulations
- Shape modeling
- Geometry processing
- Curves and surfaces
- Rendering
- Non-photorealistic rendering
- Image and video processing
- Computer graphics applications

The conference has invited talks from four leading graphics researchers: Prof. Zoran Popović (University of Washington, USA), Prof. Helmut Pottmann (Vienna University of Technology, Austria), Prof. Yizhou Yu (University of Illinois at Urbana-Champaign, USA), and Prof. Doug DeCarlo (Rutgers University, USA).

We would like to thank all the authors who submitted papers to Pacific Graphics 2007 for their contribution, to the Program Committee members for their strong commitment, and to the publishing team at IEEE Computer Society for their consistent help. This proceeding would not have been made possible without their joint effort.

Conference Chair: Ron Goldman
Program Co-chairs: Marc Alexa, Steven Gortler, Tao Ju