

Preface

The ninth International Conference on Shape Modeling and Applications (SMI 2007) takes place in the beautiful town of Lyon, France, 13-15 June 2007. Since its launch, Shape Modeling and Applications has been characterized by a wide spectrum of research topics related to shape modeling and processing, addressed in various application areas.

From 2001, the SMI conference became an annual event with the venue changing on a regular basis from Asia to Europe and to America. Traditionally, it includes the Eurographics/ACM SIGGRAPH Workshop on Implicit Surfaces as a specific session. Previous conferences were organized in Japan (1997, 1999, 2006), Italy (2001), Canada (2002), South Korea (2003), Italy (2004), and USA (2005).

In response to the call for papers, 62 papers (51 full paper submissions and 11 short) were submitted. After a thorough review process, 23 full papers and 4 short papers were selected. The accepted contributions mainly focus on shape matching and retrieval, modeling with implicit surfaces, and various issues of shape analysis, representation, and processing.

The conference features a relevant satellite event organized and promoted by the Network of Excellence AIM@SHAPE, funded by the European Commission under the 6th Framework Program: the second International 3D Shape Retrieval Contest (SHREC). The SHREC contest is aimed at the evaluation of the effectiveness of 3D-shape retrieval algorithms, and the evaluation results have been presented during the conference.

The conference has been organized in cooperation with ACM SIGGRAPH, the EUROGRAPHICS Association, and the Computer Graphics Society.

Many people contributed to the organization of the conference. We would like to thank all the members of the Program Committee, the authors of submitted and invited papers, and the reviewers for their efforts in setting the quality of this volume. Our thanks to Sylvie Oudot for managing the conference secretariat effectively and Rémi Allègre for maintaining the conference Web site and managing the electronic submission system.

Eric Galin, *Université Claude Bernard, Lyon, France*
Brian Wyvill, *University of Victoria, British Columbia, Canada*
Mark Pauly, *ETH, Zurich, Switzerland*