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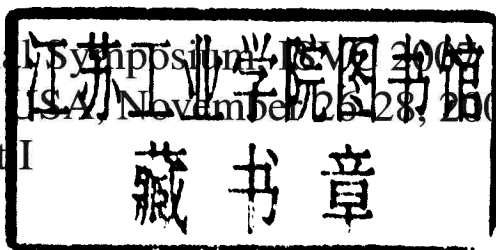


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Preface

It is with great pleasure that we welcome you to the Proceedings of the 3rd International Symposium on Visual Computing (ISVC 2007) held in Lake Tahoe, Nevada/California. ISVC offers a common umbrella for the four main areas of visual computing including vision, graphics, visualization, and virtual reality. Its goal is to provide a forum for researchers, scientists, engineers and practitioners throughout the world to present their latest research findings, ideas, developments, and applications in the broader area of visual computing.

This year, the program consisted of 14 oral sessions, 1 poster session, 6 special tracks, and 6 keynote presentations. Following a very successful ISVC 2006, the response to the call for papers was almost equally strong; we received over 270 submissions for the main symposium from which we accepted 77 papers for oral presentation and 42 papers for poster presentation. Special track papers were solicited separately through the Organizing and Program Committees of each track. A total of 32 papers were accepted for oral presentation and 5 papers for poster presentation in the special tracks.

All papers were reviewed with an emphasis on their potential to contribute to the state of the art in the field. Selection criteria included accuracy and originality of ideas, clarity and significance of results, and presentation quality. The review process was quite rigorous, involving two to three independent blind reviews followed by several days of discussion. During the discussion period we tried to correct anomalies and errors that might have existed in the initial reviews. Despite our efforts, we recognize that some papers worthy of inclusion may have not been included in the program. We offer our sincere apologies to authors whose contributions might have been overlooked.

We wish to thank everybody who submitted their work to ISVC 2007 for review. It was because of their contributions that we succeeded in having a technical program of high scientific quality. In particular, we would like to thank the ISVC 2007 Area Chairs, the organizing institutions (UNR, DRI, LBNL, and NASA Ames), the industrial sponsors (Intel, DigitalPersona, Equinox, Ford, Siemens, Hewlett Packard, MERL, UtopiaCompression), the International Program Committee, the special track organizers and their Program Committees, the keynote speakers, the reviewers, and especially the authors that contributed their work to the symposium. In particular, we would like to thank Siemens,

Hewlett Packard, and MERL who kindly offered three “best paper awards” this year.

September 2007

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Virtual Reality (Area 3)

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Crosa Pere Brunet, Universitat Politècnica de Catalunya, Spain
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