

Preface

Multimodal Interfaces represents an emerging interdisciplinary research direction and has become one of the frontiers in Computer Science. Multimodal interfaces aim at efficient, convenient and natural interaction and communication between computers (in their broadest sense) and human users. They will ultimately enable users to interact with computers using their everyday skills.

These proceedings include the papers accepted for presentation at the Third International Conference on Multimodal Interfaces (ICMI 2000) held in Beijing, China on 14–16 October 2000. The papers were selected from 172 contributions submitted worldwide. Each paper was allocated for review to three members of the Program Committee, which consisted of more than 40 leading researchers in the field. Final decisions of 38 oral papers and 48 poster papers were made based on the reviewers' comments and the desire for a balance of topics. The decision to have a single track conference led to a competitive selection process and it is very likely that some good submissions are not included in this volume. The papers collected here cover a wide range of topics such as affective and perceptual computing, interfaces for wearable and mobile computing, gestures and sign languages, face and facial expression analysis, multilingual interfaces, virtual and augmented reality, speech and handwriting, multimodal integration and application systems. They represent some of the latest progress in multimodal interfaces research.

We wish to thank all the authors for submitting their work to ICMI 2000, the members of the Program Committee for reviewing a large number of papers under a tight schedule, and the members of the Organizing Committee for making things happen as planned. We are grateful to the Chinese National 863-306 Steering Committee, the National Natural Science Foundation of China and the National Laboratory of Pattern Recognition of the CAS Institute of Automation for financial support.

August 2000

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Advances in Multimodal Interfaces - ICMI 2000

Third International Conference Beijing, China, October

14-16, 2000 Proceedings

Tan, T.; Shi, Y.; Gao, W. (Eds.)

2000, XVI, 680 p., Softcover

ISBN: 978-3-540-41180-2