

Preface

This volume contains the papers presented at the 8th International Conference on Intelligent Human Computer Interaction, held during December 12–13, 2016, in Pilani, Rajasthan, India. Three leading research and academic institutes of India, namely, the Council of Scientific and Industrial Research — Central Electronics Engineering Research Institute Pilani (CSIR-CEERI), the Birla Institute of Technology and Science Pilani (BITS-Pilani), and the Indian Institute of Information Technology, Allahabad (IIIT-Allahabad), jointly organized the conference in Pilani, Rajasthan, India. The conference, which had its first edition in 2008, has as its focus the research issues related to human–computer interaction. This year, the eighth edition of the conference was successful in attracting the academics, researchers, and industry practitioners from all over the globe.

The current volume contains the selected papers from 115 submissions from all over the world. The Program Committee (PC) accepted 22 full papers for oral and seven papers for poster presentations after a rigorous review process with multiple reviews for each paper. Finally, 22 camera-ready papers were received for oral presentation. We thank all the expert reviewers for their invaluable support and constructive review comments. We are grateful to the PC members who made enormous efforts in reviewing and selecting the papers. Without the untiring efforts of the PC members, the reviewers, and the contributions of the authors, the conference would not have been possible.

The entire process of submission, refereeing, e-meetings of the PC for selecting the papers, and compiling the proceedings was done through Microsoft's conference management tool and special thanks go to the Microsoft team for providing such a highly configurable conference management system.

One of the hallmarks of the IHCI conference series is the high quality of the plenary/invited presentations. This year, we were fortunate to have the invited talks of three eminent speakers, namely, Prof. Thomas Ertl (VISUS, University of Stuttgart, Germany), Dr. Manas K. Mandal (Director General - Life Sciences, DRDO, India), and Prof. Sudeep Sarkar (University of South Florida, USA). It is indeed a great pleasure for us to thank the invited speakers who agreed to present at the conference coming from far off places in mid-December. We are grateful to them for their time and efforts.

We thank all the members of the Organizing Committee for making all the arrangements for the conference. We are grateful to CSIR-CEERI, Pilani, and BITS-Pilani for all the assistance provided for running the conference. In particular, Prof. Santanu Chaudhury (Director, CSIR-CEERI, Pilani) and Prof. A.K. Sarkar (Director, BITS-Pilani, Pilani Campus) helped us tremendously at key points with the logistics of running the PC meeting. We are thankful to Mr. Dhiraj (CSIR-CEERI, Pilani), Mr. Pramod Tanwar (CSIR-CEERI, Pilani), Mr. PVL Reddy (CSIR-CEERI, Pilani), and Dr. Pankaj Vyas (BITS-Pilani) for their enormous efforts in compiling and formatting the final manuscripts of authors as per the LNCS guidelines. We are also

grateful to all the graduate as well as under graduate students of BITS-Pilani and the young scientists, PGRP students and project staffs of CSIR-CEERI Pilani and other staff members of both the institutes for their assistance in making necessary arrangements for the smooth conduct of the conference.

Finally, yet importantly, thanks go to Alfred Hofmann (Associate Director Publishing, Springer) for readily agreeing to publish the proceedings in the LNCS series. Thanks also go to his team and in particular to Ms. Suvira Srivastava (Springer India) in preparing the proceedings meticulously for publication.

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