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Computer Vision and Graphics

International Conference, ICCVG 2014
Warsaw, Poland, September 15-17, 2014
Proceedings
Preface

The International Conference on Computer Vision and Graphics, organized since 2002, is the continuation of The International Conferences on Computer Graphics and Image Processing, GKPO, held in Poland every second year from 1990 to 2000. The founder and organizer of these conferences was Prof. Wojciech Mokrzycki. The main objective of ICCVG is to provide an environment for the exchange of ideas between researchers in the closely related domains of computer vision and computer graphics.

ICCVG 2014 brought together about 100 authors. The proceedings contain 81 papers, each accepted on the grounds of at least two independent reviews. During the conference special sessions on Medical Ultrasound Image Processing and on Human Motion Acquisition, Processing, Analysis and Synthesis, and a poster session, were organized.

ICCVG 2014 was organized by the Association for Image Processing, Poland (Towarzystwo Przetwarzania Obrazów – TPO), the Faculty of Applied Informatics and Mathematics, Warsaw University of Life Sciences (WZIM SGGW), and the Polish-Japanese Institute of Information Technology (PJWSTK), together with the supporting organizers: Faculty of Information Science, West Pomeranian University of Technology (WI ZUT), Szczecin, and The Vistula University, Warsaw.

The Association for Image Processing integrates the Polish community working on the theory and applications of computer vision and graphics. It was formed between 1989 and 1991.

The Faculty of Applied Informatics and Mathematics, established in 2008 at Warsaw University of Life Sciences, offers two programs of study: Informatics, and Informatics and Econometrics. Its main advantage stems from merging technical education with applied sciences, including the application of computer sciences to the management and analysis of the agricultural industry.

The Polish-Japanese Institute of Information Technology founded in 1994 by the Computer Techniques Development Foundation under the agreement of the Polish and Japanese governments is one of the leading, non-state (private) Polish universities. We are very grateful that the institute hosted and supported the conference.

We would like to thank all the members of the Scientific Committee, as well as the additional reviewers, for their help in ensuring the high quality of the papers. We would also like to thank Grażyna Domańska-Żurek for her excellent work on
technically editing the proceedings, and Dariusz Frejlichowski, Henryk Palus, Marcin Bator, Mariola Rejmund, and Bernadeta Bonio for their engagement in the conference organization and administration.

September 2014

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