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Advanced Concepts for Intelligent Vision Systems

13th International Conference, ACIVS 2011
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Proceedings

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Preface

This volume collects the papers accepted for presentation at the 13th International Conference on "Advanced Concepts for Intelligent Vision Systems" (ACIVS 2011). Following the first meeting in Baden-Baden (Germany) in 1999, which was part of a large multiconference, the ACIVS conference then developed into an independent scientific event and has ever since maintained the tradition of being a single-track conference. ACIVS 2011 attracted scientists from 28 different countries, mostly from Europe, but also from Australia, Japan, Brazil, Korea, China, Tunisia, Pakistan, Taiwan and the USA.

Although ACIVS is a conference on all areas of image and video processing, submissions tend to gather within some major fields of interest. About 40% of the selected papers deal with image and video processing, including filtering and restoration and low-level analysis. This year topics related to vision, with a focus on the analysis of people, were well represented, as were papers on 3D scene estimation, processing and understanding.

We would like to thank the invited speakers Marc De Mey (UGent and Koninklijke Vlaamse Academie van België), Peter Meijer (Metamodal BV), Ben Kröse (University of Amsterdam) Lambert Spaanenburg (Lund University) and Rainer Stiefelhagen (Institute for Anthropomatics, Karlsruhe Institute of Technology and Fraunhofer Institute of Optronics, System Technologies and Image Exploitation) for enhancing the technical program with their presentations.

A conference like ACIVS would not be feasible without the concerted effort of many people and the support of various institutions. The paper submission and review procedure was carried out electronically and a minimum of three reviewers were assigned to each paper. From 124 submissions, 29 were selected for oral presentation and 37 as posters. A large and energetic Program Committee, helped by additional referees (about 95 people in total) – listed on the following pages – completed the long and demanding reviewing process. We would like to thank all of them for their timely and high-quality reviews. Also, we would like to thank our sponsors, FWO-Vlaanderen, Ghent University, IBBT, Alcatel-Lucent, Philips, Nicta and Object Video, for their valuable support.

Last but not least, we would like to thank all the participants who trusted in our ability to organize this conference for the 13th time. We hope they attended a stimulating scientific event and enjoyed the atmosphere of the ACIVS social events in the city of Ghent.

July 2011

J. Blanc-Talon
D. Popescu
W. Philips
R. Kleihorst
P. Scheunders

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Acivs 2011 was organized by IBBT and Ghent University in Ghent Belgium in conjunction with the ACM/IEEE International Conference on Distributed Smart Cameras.

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