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Gerhard Goos, Juris Hartmanis, and Jan van Leeuwen

Jacques Blanc-Talon Wilfried Philips
Dan Popescu Paul Scheunders (Eds.)

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Volume Editors

Jacques Blanc-Talon
DGA/D4S/MRIS
CEP/GIP
16 bis, avenue Prieur de la Côte d'Or, 94114 Arcueil, France
E-mail: blanc@etca.fr

Wilfried Philips
Ghent University
Department of Telecommunication and Information Processing
St.-Pietersnieuwstraat 41, 9000 Gent, Belgium
E-mail: philips@telin.UGent.be

Dan Popescu
CSIRO ICT Centre
P.O. Box 76, Epping, Sydney NSW 1710, Australia
E-mail: dan.popescu@csiro.au

Paul Scheunders
University of Antwerp
Universiteitsplein 1, Building N, 2610 Wilrijk, Belgium
E-mail: paul.scheunders@ua.ac.be

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Preface

This volume collects the papers accepted for presentation at the 11th International Conference on Advanced Concepts for Intelligent Vision Systems (ACIVS 2009). 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 2009 attracted computer scientists from 25 different countries, mostly from Europe, but also from Australia, New-Zealand and Japan, and from the USA and Mexico.

Although ACIVS is a conference on all areas of image and video processing, submissions tend to gather within certain major fields of interest. As was the case last year, about a quarter of the selected papers deal with image and video coding and processing, including filtering and restoration and low-level analysis. Topics related to biometrics (including face recognition), tracking, pattern recognition and scene understanding all remain well represented. Noteworthy are the growing number of papers related to medical applications and color processing and the papers related to the Technovision projects. We would like to thank the invited speakers Steve Sangwine (University of Essex, UK) and Jordi Inglada (CNES, France) for enhancing the technical program with their presentations.

A conference like ACIVS would not be feasible without the concerted effort of many people and 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 115 submissions, 43 were selected for oral presentation and 25 as posters. A large and energetic Program Committee, helped by additional referees (about 110 people) – 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, DGA, Philips Research, Barco, Eurasip, the IEEE Benelux Signal Processing Chapter and the Flemish FWO Research Community on Audiovisual Systems, for their valuable support.

Last but not least, we would like to thank all the participants who trusted in our ability to organize this event for the 11th time. We hope they attended a stimulating scientific event and enjoyed the atmosphere of the ACIVS social events in the city of Bordeaux.

July 2009

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

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