

Preface

Premiering in 1990 in Antibes, France, the European Conference on Computer Vision, ECCV, has been held biennially at venues all around Europe. These conferences have been very successful, making ECCV a major event to the computer vision community.

ECCV 2002 was the seventh in the series. The privilege of organizing it was shared by three universities: The IT University of Copenhagen, the University of Copenhagen, and Lund University, with the conference venue in Copenhagen. These universities lie geographically close in the vivid Öresund region, which lies partly in Denmark and partly in Sweden, with the newly built bridge (opened summer 2000) crossing the sound that formerly divided the countries.

We are very happy to report that this year's conference attracted more papers than ever before, with around 600 submissions. Still, together with the conference board, we decided to keep the tradition of holding ECCV as a single track conference. Each paper was anonymously refereed by three different reviewers. For the final selection, for the first time for ECCV, a system with area chairs was used. These met with the program chairs in Lund for two days in February 2002 to select what became 45 oral presentations and 181 posters. Also at this meeting the selection was made without knowledge of the authors' identity.

The high-quality of the scientific program of ECCV 2002 would not have been possible without the dedicated cooperation of the 15 area chairs, the 53 program committee members, and all the other scientists, who reviewed the papers. A truly impressive effort was made. The spirit of this process reflects the enthusiasm in the research field, and you will find several papers in these proceedings that define the state of the art in the field.

Bjarne Ersbøll as Industrial Relations Chair organized the exhibitions at the conference. Magnus Oskarsson, Sven Spanne, and Nicolas Guilbert helped to make the review process and the preparation of the proceedings function smoothly. Ole Fogh Olsen gave us valuable advice on editing the proceedings. Camilla Jørgensen competently headed the scientific secretariat. Erik Dam and Dan Witzner were responsible for the ECCV 2002 homepage. David Vernon, who chaired ECCV 2000 in Dublin, was extremely helpful during all stages of our preparation for the conference. We would like to thank all these people, as well as numerous others who helped in various respects. A special thanks goes to Søren Skovsgaard at the Congress Consultants, for professional help with all practical matters.

We would also like to thank Rachid Deriche and Theo Papadopoulos for making their web-based conference administration system available and adjusting it to ECCV. This was indispensable in handling the large number of submissions and the thorough review and selection procedure.

Finally, we wish to thank the IT University of Copenhagen and its president Mads Tofte for supporting the conference all the way from planning to realization.

March 2002

Anders Heyden
Gunnar Sparr
Mads Nielsen
Peter Johansen

Organization

Conference Chair

Peter Johansen

Copenhagen University, Denmark

Conference Board

Hans Burkhardt

University of Freiburg, Germany

Bernard Buxton

University College London, UK

Roberto Cipolla

University of Cambridge, UK

Jan-Olof Eklundh

Royal Institute of Technology, Sweden

Olivier Faugeras

INRIA, Sophia Antipolis, France

Bernd Neumann

University of Hamburg, Germany

Giulio Sandini

University of Genova, Italy

David Vernon

Trinity College, Dublin, Ireland

Program Chairs

Anders Heyden

Lund University, Sweden

Gunnar Sparr

Lund University, Sweden

Area Chairs

Ronen Basri

Weizmann Institute, Israel

Michael Black

Brown University, USA

Andrew Blake

Microsoft Research, UK

Rachid Deriche

INRIA, Sophia Antipolis, France

Jan-Olof Eklundh

Royal Institute of Technology, Sweden

Lars Kai Hansen

Denmark Technical University, Denmark

Steve Maybank

University of Reading, UK

Theodore Papadopoulos

INRIA, Sophia Antipolis, France

Cordelia Schmid

INRIA, Rhône-Alpes, France

Amnon Shashua

The Hebrew University of Jerusalem, Israel

Stefano Soatto

University of California, Los Angeles, USA

Bill Triggs

INRIA, Rhône-Alpes, France

Luc van Gool

K.U. Leuven, Belgium &

ETH, Zürich, Switzerland

Joachim Weichert

Saarland University, Germany

Andrew Zisserman

University of Oxford, UK

Program Committee

Luis Alvarez	University of Las Palmas, Spain
Padmanabhan Anandan	Microsoft Research, USA
Helder Araujo	University of Coimbra, Portugal
Serge Belongie	University of California, San Diego, USA
Marie-Odile Berger	INRIA, Lorraine, France
Aaron Bobick	Georgia Tech, USA
Terry Boulton	Lehigh University, USA
Francois Chaumette	INRIA, Rennes, France
Laurent Cohen	Université Paris IX Dauphine, France
Tim Cootes	University of Manchester, UK
Kostas Daniilidis	University of Pennsylvania, USA
Larry Davis	University of Maryland, USA
Frank Ferrie	McGill University, USA
Andrew Fitzgibbon	University of Oxford, UK
David J. Fleet	Xerox Palo Alto Research Center, USA
David Forsyth	University of California, Berkeley, USA
Pascal Fua	EPFL, Switzerland
Richard Hartley	Australian National University, Australia
Vaclav Hlavac	Czech Technical University, Czech Republic
Michal Irani	Weizmann Institute, Israel
Allan Jepson	University of Toronto, Canada
Peter Johansen	Copenhagen University, Denmark
Fredrik Kahl	Lund University, Sweden
Sing Bing Kang	Microsoft Research, USA
Ron Kimmel	Technion, Israel
Kyros Kutulakos	University of Rochester, USA
Tony Lindeberg	Royal Institute of Technology, Sweden
Jim Little	University of British Columbia, Canada
Peter Meer	Rutgers University, USA
David Murray	University of Oxford, UK
Nassir Navab	Siemens, USA
Mads Nielsen	IT-University of Copenhagen, Denmark
Patrick Perez	Microsoft Research, UK
Pietro Perona	California Institute of Technology, USA
Marc Pollefeys	K.U. Leuven, Belgium
Long Quan	Hong Kong University of Science and Technology, Hong Kong
Ian Reid	University of Oxford, UK
Nicolas Rougon	Institut National des Télécommunications, France
José Santos-Victor	Instituto Superior Técnico, Lisbon, Portugal
Guillermo Sapiro	University of Minnesota, USA
Yoichi Sato	IIS, University of Tokyo, Japan
Bernt Schiele	ETH, Zürich, Switzerland
Arnold Smeulders	University of Amsterdam, The Netherlands

Gerald Sommer	University of Kiel, Germany
Peter Sturm	INRIA, Rhône-Alpes, France
Tomas Svoboda	Swiss Federal Institute of Technology, Switzerland
Chris Taylor	University of Manchester, UK
Phil Torr	Microsoft Research, UK
Panos Trahanias	University of Crete, Greece
Laurent Younes	CMLA, ENS de Cachan, France
Alan Yuille	Smith-Kettlewell Eye Research Institute, USA
Josiane Zerubia	INRIA, Sophia Antipolis, France
Kalle Åström	Lund University, Sweden

Additional Referees

Henrik Aanaes	Jeffrey E. Boyd	Michael Elad
Manoj Aggarwal	Edmond Boyer	Ahmed Elgammal
Motilal Agrawal	Yuri Boykov	Ronan Fablet
Aya Aner	Chen Brestel	Ayman Farahat
Adnan Ansar	Lars Bretzner	Olivier Faugeras
Mirko Appel	Alexander Brook	Paulo Favaro
Tal Arbel	Michael Brown	Xiaolin Feng
Okan Arikan	Alfred Bruckstein	Vittorio Ferrari
Akira Asano	Thomas Buelow	Frank Ferrie
Shai Avidan	Joachim Buhmann	Mario Figueireda
Simon Baker	Hans Burkhardt	Margaret Fleck
David Barger	Bernard Buxton	Michel Gangnet
Christian Barillot	Nikos Canterakis	Xiang Gao
Kobus Barnard	Yaron Caspi	D. Geiger
Adrien Bartoli	Alessandro Chiuso	Yakup Genc
Benedicte Bascle	Roberto Cipolla	Bogdan Georgescu
Pierre-Louis Bazin	Dorin Comaniciu	J.-M. Geusebroek
Isabelle Begin	Kurt Cornelis	Christopher Geyer
Stephen Benoit	Antonio Criminisi	Peter Giblin
Alex Berg	Thomas E. Davis	Gerard Giraudon
James Bergen	Nando de Freitas	Roman Goldenberg
Jim Bergen	Fernando de la Torre	Shaogang Gong
Marcelo Bertalmio	Daniel DeMenthon	Hayit Greenspan
Rikard Berthilsson	Xavier Descombes	Lewis Griffin
Christophe Biernacki	Hagio Djambazian	Jens Guehring
Armin Biess	Gianfranco Doretto	Yanlin Guo
Alessandro Bissacco	Alessandro Duci	Daniela Hall
Laure Blanc-Feraud	Gregory Dudek	Tal Hassner
Ilya Blayvas	Ramani Duraiswami	Horst Haussecker
Eran Borenstein	Pinar Duygulu	Ralf Hebrich
Patrick Bouthemy	Michael Eckmann	Yacov Hel-Or
Richard Bowden	Alyosha Efros	Lorna Herda

Shinsaku Hiura	Roberto Manduchi	Garbis Salgian
Jesse Hoey	Petros Maragos	Frank Sauer
Stephen Hsu	Eric Marchand	Peter Savadjiev
Du Huynh	Jiri Matas	Silvio Savarese
Naoyuki Ichimura	Bogdan Matei	Harpreet Sawhney
Slobodan Ilic	Esther B. Meier	Frederik Schaffalitzky
Sergey Ioffe	Jason Meltzer	Yoav Schechner
Michael Isard	Etienne Mémin	Chrostoph Schnoerr
Volkan Isler	Rudolf Mester	Stephan Scholze
David Jacobs	Ross J. Micheals	Ali Shahrokri
Bernd Jaehne	Anurag Mittal	Doron Shaked
Ian Jermyn	Hiroshi Mo	Eitan Sharon
Hailin Jin	William Moran	Eli Shechtman
Marie-Pierre Jolly	Greg Mori	Jamie Sherrah
Stiliyan-N. Kalitzin	Yael Moses	Akinobu Shimizu
Behrooz Kamgar-Parsi	Jane Mulligan	Ilan Shimshoni
Kenichi Kanatani	Don Murray	Kaleem Siddiqi
Danny Keren	Masahide Naemura	Hedvig Sidenblad
Erwan Kerrien	Kenji Nagao	Robert Sim
Charles Kervrann	Mirko Navara	Denis Simakov
Renato Keshet	Shree Nayar	Philippe Simard
Ali Khamene	Oscar Nestares	Eero Simoncelli
Shamim Khan	Bernd Neumann	Nir Sochen
Nahum Kiryati	Jeffrey Ng	Yang Song
Reinhard Koch	Tat Hieu Nguyen	Andreas Soupliotis
Ullrich Koethe	Peter Nillius	Sven Spanne
Esther B. Koller-Meier	David Nister	Martin Spengler
John Krumm	Alison Noble	Alon Spira
Hannes Kruppa	Tom O'Donnell	Thomas Strömberg
Murat Kunt	Takayuki Okatani	Richard Szeliski
Prasun Lala	Nuria Olivier	Hai Tao
Michael Langer	Ole Fogh Olsen	Huseyin Tek
Ivan Laptev	Magnus Oskarsson	Seth Teller
Jean-Pierre Le Cadre	Nikos Paragios	Paul Thompson
Bastian Leibe	Ioannis Patras	Jan Tops
Ricahrd Lengagne	Josef Pauli	Benjamin J. Tordoff
Vincent Lepetit	Shmuel Peleg	Kentaro Toyama
Thomas Leung	Robert Pless	Tinne Tuytelaars
Maxime Lhuillier	Swaminathan Rahul	Shimon Ullman
Weiliang Li	Deva Ramanan	Richard Unger
David Liebowitz	Lionel Reveret	Raquel Urtasun
Georg Lindgren	Dario Ringach	Sven Utcke
David Lowe	Ruth Rosenholtz	Luca Vacchetti
John MacCormick	Volker Roth	Anton van den Hengel
Henrik Malm	Payam Saisan	Geert Van Meerbergen

Pierre Vandergheynst
Zhizhou Wang
Baba Vemuri
Frank Verbiest
Maarten Vergauwen
Jaco Vermaak
Mike Werman
David Vernon
Thomas Vetter

Rene Vidal
Michel Vidal-Naquet
Marta Wilczkowiak
Ramesh Visvanathan
Dan Witzner Hansen
Julia Vogel
Lior Wolf
Bob Woodham
Robert J. Woodham

Chenyang Xu
Yaser Yacoob
Anthony Yezzi
Ramin Zabih
Hugo Zaragoza
Lihi Zelnik-Manor
Ying Zhu
Assaf Zomet

<http://www.springer.com/978-3-540-43746-8>

Computer Vision - ECCV 2002

7th European Conference on Computer Vision,

Copenhagen, Denmark, May 28-31, 2002, Proceedings,

Part III

Heyden, A.; Sparr, G.; Nielsen, M.; Johansen, P. (Eds.)

2002, XXVIII, 919 p., Softcover

ISBN: 978-3-540-43746-8