



Franz Leberl, Andrej Ferko (eds.)

**East-West-Vision 2002
(EWV'02)**



International Workshop & Project Festival on
Computer Vision, Computer Graphics, New Media



Proceedings

EAST-WEST-VISION

International Workshop & Project Festival Computer Vision, Computer Graphics, New Media

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Proceedings

EAST-WEST-VISION

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Computer Vision, Computer Graphics, New Media**

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The EWV 2002 Workshop and Project Festival stands under the auspices of

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EAST-WEST-VISION: Computer Vision, Computer Graphics & New Media

Computer Vision and Computer Graphics are among the most dynamic fields in science and engineering. Could be they are the most dynamic. This is reflected in various commercial initiatives and in international research initiatives, among those of the European Union. So for a while we have been observing from the sidelines how the European Union is advertising its policies to reach outwards. This has certainly made many of us very aware that we all must open ourselves to an increased exchange between East and West. How does one do this in a high-technology-field? A series of experiences in meetings about the new 6th framework research program of the European Union showed that there was no particular initiative to be expected for computer experts to connect with colleagues from outside the current Union. This combined with a lack of responses from Western Europe and beyond to an otherwise surprisingly successful call for papers for a meeting of photogrammetric computer vision specialists (PCV'02). This led us to become aggressive and to tell ourselves: let's do something about this silence!

It was the reason that we now can present this volume of Proceedings of a truly unique conference. We organized some funding for travel and lodging in Graz, and sent out invitations to universities in Eastern and South Eastern Europe to send their best and brightest in computer vision, computer graphics and the new media. In the process we did not limit ourselves to just the candidate countries set to join the European Union in the next round of enlargement, but we went beyond, even sneaking a little into the western fringes of Asia. (Imagine Georgia were not Asia: the Caucasus no longer would be home to the tallest mountain in Europe!). Anyhow, we received a large number of papers for presentation, and were able to recruit some excellent moderators for the various topics of the conference.

This book is a collection of the papers and posters presented at East-West-Vision 2002 in Graz. The conference itself had, however, a few features that do not make it into this text. First, the entire conference was held in parallel with Photogrammetric Computer Vision PCV'02, a symposium of the International Society for Photogrammetry and Remote Sensing, sharing an entire day and its keynote speaker, Giulio Sandini from the University of Genova. Second, the conference dovetailed

also with the 26th Meeting of the Austrian Association of Pattern Recognition, and many of the EWV-attendees were also attending the AAPR'02 meeting. And thirdly, EWV'02 had a political dimension as well, given the need to develop a culture of dialogue and cooperation between East and West. This political dimension was reflected in a keynote by the Slovak Minister of Education, Doc. Peter Ponický, a press conference on high technology research cooperation, and a panel discussion on how to improve the interactions between East and West in computer vision and related fields.

Of course such a conference would not be feasible without considerable quantities of free labor of the staff of our Institute, which by the way, is celebrating its 10th anniversary at the time of the conference. We also are grateful for support received from various organizations and individuals. ACM SIGGRAPH, represented at EWV by former vice-president Dr. Alan Chalmers, has sent to participants and for other Eastern Europe universities 200 sets of CDs with recent course notes. Substantial support came from our University, namely Rector o. Univ. Prof. Dr. Dr. Erich Hödl, ISPRS, the city and mayor of Graz, the province and governor of Styria, Reichl&Partner, Bundeskanzler Dr. Wolfgang Schuessel and Dr. Erhard Busek. Many thanks for this noble-minded help, and particularly for supporting the social events, without which an international conference's appeal would greatly be diminished.

This workshop could not have been held without the dedication of one person, Dr. Andrej Ferko, visiting professor of computer graphics with his professional home at Comenius University in Bratislava, Slovak Republic. He helped with making us understand the issues of East-West cooperation, managed the preparations, organized the peer reviews, set up the program and edited this book. Thank you, Andrej!

Last but not least, our sincere thanks need to go to the OCG Austrian Computer Society for full sponsoring and printing the proceedings.

I hope that the participants had a fruitful and inspiring experience in Graz and have fond memories of the visit to our city!

Franz Leberl

Conference Chair

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