

THE PROCEEDINGS OF THE

**Seventh IEEE International
Conference on Computer Vision**

September 20 – 27, 1999

Kerkyra, Greece

Sponsored by

The IEEE Computer Society Technical Committee on
Pattern Analysis and Machine Intelligence



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Volume I

Preface

Welcome to the 7th IEEE International Conference on Computer Vision held this year on the beautiful island of Corfu (Kerkyra, in Greek), Greece, September 20-27, 1999.

The conference continues in the tradition of ICCV being a single-track conference. Among the benefits of a single-track conference is an important one: the competition is unreasonably constrained due to available presentation time and, consequently, many papers that deserve inclusion can not be included. There were 575 papers submitted and the 7th IEEE members and many additional reviewers took the task of reviewing very seriously. The result was the acceptance of 177 papers, 46 for oral presentation and 131 for poster presentation. Both oral and poster presentations have the same amount of space in the proceedings; the order of presentation in the proceedings is determined by topic and not by presentation mode. Proceedings will appear in both paper and CD-ROM format and all registrants will receive one copy of each. The CD-ROM version will contain color images.

All assignments of reviewers, reviewing and PC decision-making were done blind. Papers were reviewed by three or four people and final decisions were made by a 12-person sub-committee of the Program Committee. The Program Committee has put in very significant effort to ensure that any paper that is rejected is done so carefully with sufficient review feedback so that authors may improve their work and presentation for their next submission. We thank all members of the program committee and all reviewers for their efforts.

The David Marr Prize process is governed by the General Chair and Program Co-Chairs of the conference and the winning papers will be announced at the conference. Microsoft Corporation has generously donated the cash prizes.

A conference such as this is impossible without the dedication and hard work of many people. Mrs. Marina Haloulos was instrumental in all aspects of the organization. Stavria Mathiou, Chakra Chennubhotla, Alex Vasilescu, W. James MacLean, Konstantinos Derpanis, Florin Cutzu, Jimmy Konandreas, Andrea Levin, Laura Wood, John Midgely, Rainer Herpers, Allan Jepson, Michael Jenkin all played important roles and provided assistance at various stages of the process. Special thanks go to Steve Shafer and Keith Price of the IEEE PAMI Technical Committee for their guidance throughout. We thank IEEE Conference Services especially Mary-Kate Rada and Maggie Johnson for all their advice and assistance. Mr. Byron Tsonakis of the Corfu Holiday Palace provided greatly appreciated guidance on many local arrangements issues. Finally, we acknowledge the financial and logistical support of the Research Committee of the University of Patras, the Ministry of Education of Greece, the Ministry of Development of Greece, the Ministry of Culture of Greece, and the University of Toronto.

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Table of Contents

International Conference on Computer Vision — ICCV'99

Preface	xvii
Organizing Committee	xviii
Program Committee	xix
Reviewers	xxii

Volume I

Vision and Graphics

Specularities on Surfaces with Tangential Hairs or Grooves	2
<i>R. Lu, J. Koenderink, A. Kappers</i>	
Motion based Decompositing of Video	8
<i>G. Brostow, I. Essa</i>	
Stereo Reconstruction from Multiperspective Panoramas	14
<i>H. Shum, R. Szeliski</i>	
Omnivergent Stereo	22
<i>H. Shum, A. Kalai, S. Seitz</i>	
New Calibration-free Approach for Augmented Reality based on Parameterized Cuboid Structure	30
<i>C. Chen, C. Yu, Y. Hung</i>	
Appearance Compression and Synthesis based on 3D Model for Mixed Reality	38
<i>K. Nishino, Y. Sato, K. Ikeuchi</i>	
Using Model-Driven Bundle-Adjustment to Model Heads from Raw Video Sequences	46
<i>P. Fua</i>	
View Synthesis and 3D Reconstruction of Piecewise Planar Scenes Using Intersection Lines between the Planes	54
<i>B. Johansson</i>	
Robust Sequence Proximity Estimation by Radial Distance Hashing	60
<i>M. Kertesz, Y. Yeshurun</i>	
Optimum Fiducials under Weak Perspective Projection	67
<i>A. Bruckstein, R. Holt, T. Huang, A. Netravali</i>	
Accuracy Bounds and Optimal Computation of Homography for Image Mosaicing Applications	73
<i>K. Kanatani, N. Ohta</i>	

Real-Time Active Vision and Computer Interfaces

Exploiting Human Actions and Object Context for Recognition Tasks	80
<i>D. Moore, I. Essa, M. Hayes III</i>	
Real-Time Object Detection for "Smart" Vehicles	87
<i>D. Gavrilu, V. Philomin</i>	
A Dynamic Bayesian Network Approach to Figure Tracking using Learned Dynamic Models	94
<i>V. Pavlović, J. Rehg, T. Cham, K. Murphy</i>	
Backpack: Detection of People Carrying Objects using Silhouettes	102
<i>I. Haritaoglu, R. Cutler, D. Harwood, L. Davis</i>	
Continuous Dynamic Time Warping for Translation-Invariant Curve Alignment with Applications to Signature Verification	108
<i>M. Munich, P. Perona</i>	
Parallel Hidden Markov Models for American Sign Language Recognition	116
<i>C. Vogler, D. Metaxas</i>	
Tracking Self-Occluding Articulated Objects in Dense Disparity Maps	123
<i>N. Jojic, M. Turk, T. Huang</i>	
Modeling the Process of Ageing in Face Images	131
<i>A. Lanitis, C. Taylor, T. Cootes</i>	
Advances in Active Appearance Models	137
<i>G. Edwards, T. Cootes, C. Taylor</i>	
Resynthesizing Facial Animation through 3D Model-based Tracking	143
<i>F. Pighin, R. Szeliski, D. Salesin</i>	
Gesture Recognition using Character Recognition Techniques on Two-Dimensional Eigenspace	151
<i>H. Ohno, M. Yamamoto</i>	
Recognition of Temporal Structures: Learning Prior and Propagating Observation Augmented Densities via Hidden Markov States	157
<i>S. Gong, M. Walter, A. Psarrou</i>	
Statistical Tracking in Video Traffic Surveillance	163
<i>J. Boyd, J. Meloche, Y. Vardi</i>	
Recognition of Multi-Agent Interaction in Video Surveillance	169
<i>Y. Ivanov, A. Bobick</i>	
Probabilistic Object Recognition and Localization	177
<i>B. Schiele, A. Pentland</i>	
About the Self-Calibration of a Rotating and Zooming Camera: Theory and Practice	183
<i>Y. Seo, K. Hong</i>	
Estimation of Composite Object and Camera Image Motion	190
<i>Y. Yacoob, L. Davis</i>	

Tracking Rigid Motion using a Compact-Structure Constraint	198
<i>Y. Yacoob, L. Davis</i>	
3D Pose Tracking with Linear Depth and Brightness Constraints.....	206
<i>M. Harville, A. Rahimi, T. Darrell, G. Gordon, J. Woodfill</i>	
Posture Estimation using Structure and Motion Models.....	214
<i>Y. Iwai, K. Ogaki, M. Yachida</i>	
Generalized Bounds for Time to Collision from First-Order Image Motion	220
<i>C. Colombo, A. Del Bimbo</i>	
The PDAF based Active Contour	227
<i>N. Peterfreund</i>	
Real-Time Epipolar Geometry Estimation and Disparity	234
<i>M. Björkman, J. Eklundh</i>	
A Subset Approach to Contour Tracking in Clutter.....	242
<i>D. Freedman, M. Brandstein</i>	
Viewpoint Selection by Navigation through Entropy Maps	248
<i>T. Arbel, F. Ferrie</i>	
Wallflower: Principles and Practice of Background Maintenance.....	255
<i>K. Toyama, J. Krumm, B. Brumitt, B. Meyers</i>	
Robust Real-Time Visual Tracking using a 2D-3D Model-based Approach.....	262
<i>E. Marchand, P. Bouthemy, F. Chaumette, V. Moreau</i>	
Zoom-Invariant Tracking using Points and Lines in Affine Views — An Application of the Affine Multifocal Tensors.....	269
<i>E. Hayman, T. Thórhallsson, D. Murray</i>	
Shape Representation and Recovery	
Camera Pose and Calibration from 4 or 5 Known 3D Points	278
<i>B. Triggs</i>	
Structure and Motion from Lines under Affine Projections.....	285
<i>K. Åström, A. Heyden, F. Kahl, M. Oskarsson</i>	
Combining Scene and Auto-Calibration Constraints	293
<i>D. Liebowitz, A. Zisserman</i>	
Invariant-based Registration of Surface Patches.....	301
<i>J. Vanden Wyngaerd, L. Van Gool, R. Koch, M. Proesmans</i>	
A Theory of Shape by Space Carving.....	307
<i>K. Kutulakos, S. Seitz</i>	
On the Evolution of the Skeleton	315
<i>J. August, A. Tannenbaum, S. Zucker</i>	

Parallax Geometry of Smooth Surfaces in Multiple Views	323
<i>G. Cross, A. Fitzgibbon, A. Zisserman</i>	
Trajectory Triangulation over Conic Sections	330
<i>A. Shashua, S. Avidan, M. Werman</i>	
Medial Faces from a Concise 3D Thinning Algorithm	337
<i>A. Manzanera, T. Bernard, F. Prêteux, B. Longuet</i>	
Inherent Two-Way Ambiguity in 2D Projective Reconstruction from Three Uncalibrated 1D Images	344
<i>L. Quan</i>	
Flexible Calibration: Minimal Cases for Auto-Calibration	350
<i>A. Heyden, K. Åström</i>	
The Visual Hull of Curved Objects	356
<i>A. Laurentini</i>	
Symmetry Maps of Free-Form Curve Segments Via Wave Propagation	362
<i>H. Tek, B. Kimia</i>	
Differential Matching Constraints	370
<i>B. Triggs</i>	
Fast Approximate Energy Minimization via Graph Cuts	377
<i>Y. Boykov, O. Veksler, R. Zabih</i>	
On the Local Form and Transitions of Symmetry Sets, Medial Axes, and Shocks	385
<i>P. Giblin, B. Kimia</i>	
Resolution Invariant Surfaces for Panoramic Vision Systems	392
<i>T. Conroy, J. Moore</i>	
Catadioptric Camera Calibration	398
<i>C. Geyer, K. Daniilidis</i>	
Shape from Texture through Deformations	405
<i>M. Clerc, S. Mallat</i>	
The Recovery of Object Shape and Camera Motion using a Sensing System with a Video Camera and a Gyro Sensor	411
<i>T. Mukai, N. Ohnishi</i>	
Roxels: Responsibility Weighted 3D Volume Reconstruction	418
<i>J. De Bonet, P. Viola</i>	
Robust Estimation of Curvature Information from Noisy 3D Data for Shape Description	426
<i>C. Tang, G. Medioni</i>	
Single View Metrology	434
<i>A. Criminisi, I. Reid, A. Zisserman</i>	
Photometric Surface Analysis in a Tri-Luminal Environment	442
<i>E. Angelopoulou, J. Williams</i>	

Shape Similarity Retrieval under Affine Transform: Application to Multi-View Object Representation and Recognition	450
<i>S. Abbasi, F. Mokhtarian</i>	
Approximate Tree Matching and Shape Similarity.....	456
<i>T. Liu, D. Geiger</i>	
Neurocalibration: A Neural Network That Can Tell Camera Calibration Parameters	463
<i>M. Ahmed, E. Hemayed, A. Farag</i>	
Critical Motions and Ambiguous Euclidean Reconstructions in Auto-Calibration	469
<i>F. Kahl</i>	
Affine Reconstruction from Monocular Vision in the Presence of a Symmetry Plane.....	476
<i>D. Huynh</i>	
Depth Estimation using Defocused Stereo Image Pairs	483
<i>U. Mudenagudi, S. Chaudhuri</i>	
Multiway Cut for Stereo and Motion with Slanted Surfaces	489
<i>S. Birchfield, C. Tomasi</i>	
A Simple and Efficient Rectification Method for General Motion	496
<i>M. Pollefeys, R. Koch, L. Van Gool</i>	
Epipolar Geometry Estimation by Tensor Voting in 8D.....	502
<i>C. Tang, G. Medioni, M. Lee</i>	
Camera Calibration and the Search for Infinity	510
<i>R. Hartley, L. de Agapito, I. Reid, E. Hayman</i>	
Motion Analysis	
Multi-View 3D Shape and Motion Recovery on the Spatio-Temporal Curve Manifold	520
<i>R. Carceroni, K. Kutulakos</i>	
Fast Partial Search Solution to the 3D SFM Problem.....	528
<i>S. Srinivasan</i>	
Fast Algorithms for Projective Multi-Frame Structure from Motion.....	536
<i>J. Oliensis, Y. Genc</i>	
Correlation-based Estimation of Ego-Motion and Structure from Motion and Stereo	544
<i>R. Mandelbaum, G. Salgian, H. Sawhney</i>	
Probabilistic Detection and Tracking of Motion Discontinuities.....	551
<i>M. Black, D. Fleet</i>	
Optimal Filters for Gradient-based Motion Estimation	559
<i>M. Elad, P. Teo, Y. Hel-Or</i>	
Direct Identification of Moving Objects and Background from 2D Motion Models.....	566
<i>G. Csurka, P. Bouthemy</i>	

A Probabilistic Exclusion Principle for Tracking Multiple Objects	572
<i>J. MacCormick, A. Blake</i>	
Estimation of Structure and Motion Parameters for a Roaming Robot that Scans the Space	579
<i>M. Etoh, T. Aoki, K. Hata</i>	
Calibration of Hand-Held Camera Sequences for Plenoptic Modeling	585
<i>R. Koch, M. Pollefeys, B. Heigl, L. Van Gool, H. Niemann</i>	
Efficient Recovery of Low-Dimensional Structure from High-Dimensional Data.....	592
<i>S. Mahamud, M. Hebert</i>	
Motion Segmentation based on Factorization Method and Discriminant Criterion.....	600
<i>N. Ichimura</i>	
Capturing Articulated Human Hand Motion: A Divide-and-Conquer Approach	606
<i>Y. Wu, T. Huang</i>	
Independent Motion Detection in 3D Scenes.....	612
<i>H. Sawhney, Y. Guo, J. Asmuth, R. Kumar</i>	
Fluid Motion Recovery by Coupling Dense and Parametric Vector Fields.....	620
<i>E. Mémin, P. Pérez</i>	
Multi-Frame Optical Flow Estimation using Subspace Constraints	626
<i>M. Irani</i>	
Classification of Human Body Motion	634
<i>J. Rittscher, A. Blake</i>	
Representation Issues in the ML Estimation of Camera Motion	640
<i>J. Hornegger, C. Tomasi</i>	
Tracking Articulated Objects in Real-Time Range Image Sequences	648
<i>M. Lin</i>	
Correspondenceless Motion Estimation from Range Images	654
<i>Y. Liu, M. Rodrigues</i>	
Bayesian Structure from Motion.....	660
<i>D. Forsyth, S. Ioffe, J. Haddon</i>	
Flexible Camera Calibration by Viewing a Plane from Unknown Orientations.....	666
<i>Z. Zhang</i>	
Reconstruction of Curves in R^3 , using Factorization and Bundle Adjustment	674
<i>R. Berthilsson, K. Åström, A. Heyden</i>	
What Can Be Determined from a Full and a Weak Perspective Image?.....	680
<i>Z. Zhang, P. Anandan, H. Shum</i>	
Geodesic Active Regions for Motion Estimation and Tracking	688
<i>N. Paragios, R. Deriche</i>	
Index of Authors	xxiv