

Table of Contents – Part II

Posters on Day 1 of ACCV 2010

Generic Object Class Detection Using Boosted Configurations of Oriented Edges	1
<i>Oscar Danielsson and Stefan Carlsson</i>	
Unsupervised Feature Selection for Salient Object Detection	15
<i>Viswanath Gopalakrishnan, Yiqun Hu, and Deepu Rajan</i>	
MRF Labeling for Multi-view Range Image Integration	27
<i>Ran Song, Yonghuai Liu, Ralph R. Martin, and Paul L. Rosin</i>	
Wave Interference for Pattern Description	41
<i>Selen Atasoy, Diana Mateus, Andreas Georgiou, Nassir Navab, and Guang-Zhong Yang</i>	
Colour Dynamic Photometric Stereo for Textured Surfaces	55
<i>Zsolt Jankó, Amaël Delaunoy, and Emmanuel Prados</i>	
Multi-Target Tracking by Learning Class-Specific and Instance-Specific Cues	67
<i>Min Li, Wei Chen, Kaiqi Huang, and Tieniu Tan</i>	
Modeling Complex Scenes for Accurate Moving Objects Segmentation	82
<i>Jianwei Ding, Min Li, Kaiqi Huang, and Tieniu Tan</i>	
Online Learning for PLSA-Based Visual Recognition	95
<i>Jie Xu, Getian Ye, Yang Wang, Wei Wang, and Jun Yang</i>	
Emphasizing 3D Structure Visually Using Coded Projection from Multiple Projectors	109
<i>Ryo Nakamura, Fumihiko Sakaue, and Jun Sato</i>	
Object Class Segmentation Using Reliable Regions	123
<i>Vida Vakili and Olga Veksler</i>	
Specular Surface Recovery from Reflections of a Planar Pattern Undergoing an Unknown Pure Translation	137
<i>Miaomiao Liu, Kwan-Yee K. Wong, Zhenwen Dai, and Zhihu Chen</i>	
Medical Image Segmentation Based on Novel Local Order Energy	148
<i>LingFeng Wang, Zeyun Yu, and ChunHong Pan</i>	

Geometries on Spaces of Treelike Shapes	160
<i>Aasa Feragen, Francois Lauze, Pechin Lo, Marleen de Bruijne, and Mads Nielsen</i>	
Human Pose Estimation Using Exemplars and Part Based Refinement	174
<i>Yanchao Su, Haizhou Ai, Takayoshi Yamashita, and Shihong Lao</i>	
Full-Resolution Depth Map Estimation from an Aliased Plenoptic Light Field	186
<i>Tom E. Bishop and Paolo Favaro</i>	
Indoor Scene Classification Using Combined 3D and Gist Features	201
<i>Agnes Swadzba and Sven Wachsmuth</i>	
Closed-Form Solutions to Minimal Absolute Pose Problems with Known Vertical Direction	216
<i>Zuzana Kukelova, Martin Bujnak, and Tomas Pajdla</i>	
Level Set with Embedded Conditional Random Fields and Shape Priors for Segmentation of Overlapping Objects	230
<i>Xuqing Wu and Shishir K. Shah</i>	
Optimal Two-View Planar Scene Triangulation	242
<i>Kenichi Kanatani and Hirotaka Niituma</i>	
Pursuing Atomic Video Words by Information Projection	254
<i>Youdong Zhao, Haifeng Gong, and Yunde Jia</i>	
A Direct Method for Estimating Planar Projective Transform	268
<i>Yu-Tseh Chi, Jeffrey Ho, and Ming-Hsuan Yang</i>	
Spatial-Temporal Motion Compensation Based Video Super Resolution	282
<i>Yaozu An, Yuo Lu, and Ziyi Yan</i>	
Learning Rare Behaviours	293
<i>Jian Li, Timothy M. Hospedales, Shaogang Gong, and Tao Xiang</i>	
Character Energy and Link Energy-Based Text Extraction in Scene Images	308
<i>Jing Zhang and Rangachar Kasturi</i>	
A Novel Representation of Palm-Print for Recognition	321
<i>G.S. Badrinath and Phalguni Gupta</i>	
Real-Time Robust Image Feature Description and Matching	334
<i>Stephen J. Thomas, Bruce A. MacDonald, and Karl A. Stol</i>	

A Biologically-Inspired Theory for Non-axiomatic Parametric Curve Completion	346
<i>Guy Ben-Yosef and Ohad Ben-Shahar</i>	
Geotagged Image Recognition by Combining Three Different Kinds of Geolocation Features	360
<i>Keita Yaegashi and Keiji Yanai</i>	
Modeling Urban Scenes in the Spatial-Temporal Space	374
<i>Jiong Xu, Qing Wang, and Jie Yang</i>	
Family Facial Patch Resemblance Extraction	388
<i>M. Ghahramani, W.Y. Yau, and E.K. Teoh</i>	
3D Line Segment Detection for Unorganized Point Clouds from Multi-view Stereo	400
<i>Tingwang Chen and Qing Wang</i>	
Multi-View Stereo Reconstruction with High Dynamic Range Texture	412
<i>Feng Lu, Xiangyang Ji, Qionghai Dai, and Guihua Er</i>	
Feature Quarrels: The Dempster-Shafer Evidence Theory for Image Segmentation Using a Variational Framework	426
<i>Björn Scheuermann and Bodo Rosenhahn</i>	
Gait Analysis of Gender and Age Using a Large-Scale Multi-view Gait Database	440
<i>Yasushi Makihara, Hidetoshi Mannami, and Yasushi Yagi</i>	
A System for Colorectal Tumor Classification in Magnifying Endoscopic NBI Images	452
<i>Toru Tamaki, Junki Yoshimuta, Takahishi Takeda, Bisser Raytchev, Kazufumi Kaneda, Shigeto Yoshida, Yoshito Takemura, and Shinji Tanaka</i>	
A Linear Solution to 1-Dimensional Subspace Fitting under Incomplete Data	464
<i>Hanno Ackermann and Bodo Rosenhahn</i>	
Efficient Clustering Earth Mover's Distance	477
<i>Jenny Wagner and Björn Ommer</i>	
One-Class Classification with Gaussian Processes	489
<i>Michael Kemmler, Erik Rodner, and Joachim Denzler</i>	
A Fast Semi-inverse Approach to Detect and Remove the Haze from a Single Image	501
<i>Codruta O. Ancuti, Cosmin Ancuti, Chris Hermans, and Philippe Bekaert</i>	

Salient Region Detection by Jointly Modeling Distinctness and Redundancy of Image Content	515
<i>Yiqun Hu, Zhixiang Ren, Deepu Rajan, and Liang-Tien Chia</i>	
Unsupervised Selective Transfer Learning for Object Recognition	527
<i>Wei-Shi Zheng, Shaogang Gong, and Tao Xiang</i>	
A Heuristic Deformable Pedestrian Detection Method	542
<i>Yongzhen Huang, Kaiqi Huang, and Tieniu Tan</i>	
Gradual Sampling and Mutual Information Maximisation for Markerless Motion Capture	554
<i>Yifan Lu, Lei Wang, Richard Hartley, Hongdong Li, and Dan Xu</i>	
Temporal Feature Weighting for Prototype-Based Action Recognition...	566
<i>Thomas Mauthner, Peter M. Roth, and Horst Bischof</i>	
PTZ Camera Modeling and Panoramic View Generation via Focal Plane Mapping	580
<i>Karthik Sankaranarayanan and James W. Davis</i>	
Horror Image Recognition Based on Emotional Attention	594
<i>Bing Li, Weining Hu, Weihua Xiong, Ou Wu, and Wei Li</i>	
Spatial-Temporal Affinity Propagation for Feature Clustering with Application to Traffic Video Analysis	606
<i>Jun Yang, Yung Wang, Arcot Sowmya, Jie Xu, Zhidong Li, and Bang Zhang</i>	
Minimal Representations for Uncertainty and Estimation in Projective Spaces	619
<i>Wolfgang Förstner</i>	
Personalized 3D-Aided 2D Facial Landmark Localization	633
<i>Zhihong Zeng, Tianhong Fang, Shishir K. Shah, and Ioannis A. Kakadiaris</i>	
A Theoretical and Numerical Study of a Phase Field Higher-Order Active Contour Model of Directed Networks	647
<i>Aymen El Ghoul, Ian H. Jermyn, and Josiane Zerubia</i>	
Sparse Coding on Local Spatial-Temporal Volumes for Human Action Recognition	660
<i>Yan Zhu, Xu Zhao, Yun Fu, and Yuncai Liu</i>	
Multi-illumination Face Recognition from a Single Training Image per Person with Sparse Representation	672
<i>Die Hu, Li Song, and Cheng Zhi</i>	

Human Detection in Video over Large Viewpoint Changes	683
<i>Genquan Duan, Haizhou Ai, and Shihong Lao</i>	
Adaptive Parameter Selection for Image Segmentation Based on Similarity Estimation of Multiple Segmenters	697
<i>Lucas Franek and Xiaoyi Jiang</i>	
Cosine Similarity Metric Learning for Face Verification	709
<i>Hieu V. Nguyen and Li Bai</i>	
Author Index	721