

ICPR 2010 Contests

August 22, 2010

Istanbul Convention & Exhibition Center, Istanbul, Turkey



CONTEST PROGRAM (Tentative)

Track 1

09:00-09:10

09:10-10:30 **SDHA 2010**

SuCoA
SuCoAT1.1: "An Overview of Contest on Semantic Description of Human Activities (SDHA) 2010", by M. S. Ryoo, Chia-Chih Chen, J. K. Aggarwal, Amit Roy-Chowdhury

SuCoAT1.2: "HMM Based Action Recognition with Projection Histogram Features", by Roberto Vezzani, Davide Baltieri, Rita Cucchiara

SuCoAT1.3: "Action Recognition in Video by Sparse Representation on Covariance Manifolds of Silhouette Tunnels", by Kai Guo, Prakash Ishwar, Janusz Konrad

SuCoAT1.4: "Variations of a Hough-Voting Action Recognition System", by Daniel Walsberg, Angela Yao, Juergen Gall, Luc Van Gool

10:30-10:50

10:50-12:10 **CDC**

SuCoB

SuCoBT1.1: "The Landscape Contest", by Nuria Macia, Tin Kam Ho

SuCoBT1.2: "Feature-based Dissimilarity Space Classification", by Robert P.W. Duin, Marco Loog, Elzbieta Pekalska, David M.J. Tax

SuCoBT1.3: "IFS-CoCo in the Landscape Contest: Description and Results", by Joaquin Derrac, Salvador Garcia, Francisco Herrera

SuCoBT1.4: "Real-Valued Negative Selection (RNS) for Classification Task", by Luiz Otavio Vilas Boas Oliveira, Isabela Neves Drummond

Track 2

Opening Remarks

ImageCLEF@ICPR - Fusion

SuCoAT2.1: "The ImageCLEF Medical Retrieval Task at ICPR 2010 - Information Fusion to Combine Visual and Textual Information", by Henning Muller, Jayashree Kalpathy-Cramer

SuCoAT2.2: "ISDM at ImageCLEF 2010 Fusion Task", by A. Revuelta-Martinez, I. Garcia-Varea, J. M. Puerta, L. Rodriguez

SuCoAT2.3: "Rank-Mixer and Rank-Booster: Improving the Effectiveness of Retrieval Methods", by Sebastian Krefit, Benjamin Bustos

SuCoAT2.4: "Information Fusion for Combining Visual and Textual Image Retrieval in ImageCLEF@ICPR", by Xin Zhou, Adrien Depeursinge, Henning Muller

Coffee Break

ImageCLEF@ICPR - Robot Vision

SuCoBT2.1: "Overview of the ImageCLEF@ICPR 2010 Robot Vision Track", by Andrzej Pronobis, Henrik I. Christensen, Barbara Caputo

SuCoBT2.2: "Methods for combined monocular and stereo mobile robot localization", by Friedrich Fraundorfer, Changchang Wu, Marc Pollefeys

SuCoBT2.3: "PicSOM Experiments in ImageCLEF RobotVision", by Mats Sjoberg, Markus Koskela, Ville Vitaniemi, Jorma Laaksonen

SuCoBT2.4: "Transitive Closure based visual words for point matching in video sequence", by Srikrishna Bhat, Marie-Odile Berger, Gilles Simon, Frédéric Sur

SuCoBT2.5: "Combining Image Invariant Features and Clustering Techniques for Visual Place Classification", by Jesus Martinez-Gomez, Alejandro Jimenez-Picazo, Jose A. Gamez, Ismael Garcia-Varea

Lunch Break

Poster/Demo/Online Competitions

ImageCLEF@ICPR - Photo Annotation

SuCoCT2.1: "Overview of the Photo Annotation Task in ImageCLEF@ICPR", by Stefanie Nowak
SuCoCT2.2: "Detection of Visual Concepts and Annotation of Images using Ensembles of Trees for Hierarchical Multi-label Classification", by Ivica Dimitrovski, Dragi Kocev, Suzana Loskovska, Saso Dzeroski
SuCoCT2.3: "The University of Surrey Visual Concept Detection System at ImageCLEF@ICPR: Working Notes", by M. A. Tahir, F. Yan, M. Barnard, M. Awais, K. Mikolajczyk, J. Kittler

Coffee Break

BIHTR

SuCoDT2.1: "Bi-modal Handwritten Text Recognition (BiHTR) ICPR'10 Contest report", by Moises Pastor, Roberto Paredes

SuCoDT2.2: "Hybrid HMM/ANN models for bimodal online and offline H & E Stained Histology Images", by Manohar Kuse, Tanuj Sharma, Sudhir Gupta

CAMCOM

SuCoDT2.3: "Verification of Video Source Camera Competition (CAMCOM2010)", by Wiger van Houten, Zeno Geradts, Katrin Franke, Cor Veenman

MOBIO

SuCoDT2.4: "On the Results of the First Mobile Biometry (MOBIO) Face and Speaker Verification Evaluation", by Sebastien Marcel, et al.

Closing Remarks

12:10-13:40

13:40-14:40

14:40-15:40 **GEPR**

SuCoCT1.1: "Graph Embedding for Pattern Recognition", by Pasquale Foggia, Mario Vento
SuCoCT1.2: "Graph Embedding Using Constant Shift Embedding", by Salim Jouili, Salvatore Tabbone
SuCoCT1.3: "A Fuzzy-Interval Based Approach For Explicit Graph Embedding", by Muhammad Muzzamil Luqman, Josep Liados, Jean-Yves Ramel, Thierry Brouard

15:40-16:00

16:00-17:20 **PR in HIMA**

SuCoD

SuCoDT1.1: "Pattern Recognition in Histopathological Images: An ICPR 2010 Contest", by Metin N. Gurcan, Anant Madabhushi, Nasir Rajpoot

SuCoDT1.2: "A Classification Scheme for Lymphocyte Segmentation in H & E Stained Histology Images", by Manohar Kuse, Tanuj Sharma, Sudhir Gupta
SuCoDT1.3: "Identifying Cells in Histopathological Images", by Jierong Cheng, Merlin Veronika, Jagath C. Rajapakse

SuCoDT1.4: "Lymphocyte Segmentation using the Transferable Belief Model", by Costas Panagiotakis, Emmanuel Ramasso, Georgios Tziritas

17:20-17:30