Best Scientific Paper Awards

Motion, Tracking, Video Analysis
Yuping Shen, Nazim Ashraf, Hassan Foroosh, “Action Recognition Based on Homography Constraints”

Signal Theory and Representation

Multimedia Processing and Content-Based Information Retrieval
Yoon Bai, Choonseog Park, Yoonsuck Choe, “Relative Advantage of Touch Over Vision in the Exploration of Texture”

Document Analysis and Recognition
Michael Donoser, Horst Bischof, Silke Wagner, “Using Web Search Engines to Improve Text Recognition”

Bioinformatics and Biomedical Applications
Gunnar Läthén, Jimmy Jonasson, Magnus Borga, “Phase Based Level Set Segmentation of Blood Vessels”

Fingerprint Recognition
Abhishek Nagar, Karthik Nandakumar, Anil Jain, “Securing Fingerprint Template: Fuzzy Vault with Minutiae Descriptors”

IBM Best Student Awards

Image Modelling and Scene Understanding
Xi Zhou, Xiaodan Zhuang, Hao Tang, Mark Hasegawa-Johnson, Thomas Huang, “A Novel Gaussianized Vector Representation for Natural Scene Categorization”

Statistical Pattern Recognition
Son Joken, Naoya Inoue, Yukihioko Yamashita, “Numerical Analysis of Mahalanobis Metric in Vector Space”

Superresolution and Inpainting
Zafer Arican, Pascal Frossard, “Super-Resolution from Unregistered Omnidirectional Images”

Handwriting Recognition
Jose A. Rodriguez, Florent Perronnin, Gemma Sanchez, Josep Llados, “Unsupervised Writer Style Adaptation for Handwritten Word Spotting”
Bioinformatics and Biomedical Applications
Florence Cloppet, Arnaud Boucher, “Segmentation of Overlapping/aggregating Nuclei Cells in Biological images”

Fingerprint Recognition
Javier Galbally, Raffaele Cappelli, Alessandra Lumini, Davide Maltoni, Julian Fierrez, “Fake Fingertip Generation from a Minutiae Template”

Best Industry Related Paper Award 2008

Multimedia Processing and Content-Based Information Retrieval
Yuyu Liu, Yoichi Sato, “Recovering Audio-To-Video Synchronization by Audiovisual Correlation Analysis”

Piero Zamperoni Best Student Paper Award

Motion, Tracking, Video Analysis
Ming Zhao, Chi-kit Ronald Chung, “Critical Configurations of Lines to Geometry Determination of Three Cameras”

Best Biometrics Student Paper Award

Bappaditya Mandal, Xudong Jiang and Alex Kot, “Verification of Human Faces Using Predicted Eigenvalues”