FOURTH INTERNATIONAL WORKSHOP ON MULTIMEDIA INFORMATION RETRIEVAL

Workshop organizers: Sibel Adali, Rensselaer Polytechnic Institute, USA
Yuichi Nakamura, University of Tsukub, Japan
Uma Srinavasan, CSIRO, Australia

Special session organizer: Alberto DelBimbo, University of Florence

8:00 - 8:30 AM: REGISTRATION

8:30 - 8:40 AM: WELCOME AND INAUGURATION TO THE WORKSHOP

8:40 - 10:00 AM: IMAGE RETRIEVAL

Using Small Samples for Content-based Image Retrieval with Relevance Feedback
Xingquan Zhu, Jianping Fan, Hangzai Luo, Ahmed K. Elmagarmid (USA)

SVM-Based Feature Weighting Method for Image Retrieval
Fang Qian, Mingjing Li, Hong-Jiang Zhang, Bo Zhang (China)

An Approach to Content-Based Image Retrieval using Clustering and Space Transformation
Biren N. Shah, Vijay V. Raghavan (USA)

FLAME: A Generic Framework for Content-based Flash Retrieval
Jun YANG, Qing Li, Liu Wenyin, Yueting Zhuang (China)

10:00 - 10:30 AM: BREAK

10:30 - 12:10: VIDEO ANALYSIS, RETRIEVAL AND VISUALIZATION

Session Chair: Uma Srinavasan, CSIRO, Sydney Australia

ClassView: Semantic Principal Video Shot Classification System
Jianping Fan, Hangzai Luo, Xingquan Zhu (USA)

Performance Evaluation Protocol for Video Scene Detection Algorithms
Xian-Sheng Hua, Dong Zhang, Mingjing Li, Hong-Jiang Zhang (China)

Visualizing the Structure of a Large Scale News Video Corpus Based on Topic Segmentation and Tracking
Ichiro IDE, Norio KATAYAMA, Shin'ichi SATOH (Japan)

Motion Based Automatic Abstraction of Cooking Videos
Koichi Miura, Reiko Hamada, Ichiro Ide, Shuichi Sakai, Hidehiko Tanaka (Japan)

Defragmenting the field: Community of Multimedia Agents
Gang Wei, Valery A. Petrushin, Anatole V. Gershman (USA)

12:10 - 2:10: LUNCH BREAK (on your own)

2:10 - 3:30: SPECIAL SESSION ON MULTIMEDIA CONTENT BASED RETRIEVAL FOR CULTURAL HERITAGE APPLICATIONS
Interdisciplinary Research to Advance Digital Imagery Indexing and Retrieval Technologies for Asian Art and Cultural Heritages
   J.Z. Wang, J. Li, C.C. Chen
Approximate Search vs Precise Search by Visual Content in Cultural Heritage Image Databases
   N. Bouhemaa, M. Ferecatu, V. Gouet
3D image databases, acquisition and retrieval by content
   C. Colombo, A. Del Bimbo, P. Pala
Towards Extraction of Meaningful Temporal Video Segments
   N. Peyard, P. Bouthemy

3:30 - 4:00 PM: BREAK

4.00 - 5.00 PM: SPECIAL SESSION ON MULTIMEDIA CONTENT BASED RETRIEVAL FOR CULTURAL HERITAGE APPLICATIONS

Indexing and Retrieving documentary films: managing metadata in the Echo system
   G. Amato, C. Gennaro, P. Savino
An Integrated Multimedia Approach to Cultural Heritage e-Documents
   A.W. Smeulders, L. Hardman, G. Schreiber, J.M. Geusebroek
Enriching Perspectives in Exploring Cultural Heritage Documentaries Using Informedia Technologies
   T. D. Ng, H.D. Wactlar

5:00 PM: CLOSING REMARKS