CIVR 2002
Programme
Day 1 Thursday July 18, 2002

9.00 - 9.30 Registration

9.30 - 10.30 Keynote address
Content-based Image Retrieval at the End of the Early Years
Arnold Smeulders, University of Amsterdam

10.30 - 10.50 Coffee:

10.50 - 12.30 Submitted papers Session 1 - Image Retrieval I
 Visualization, Estimation and User-Modeling for Interactive Browsing of Image Libraries
Qi Tian, Baback Moghaddam, and Thomas Huang
Robust Shape Matching
Nicu Sebe and Michael Lew
Semantics Based Image Retrieval by Region Saliency
Wei Wang, Yuqing Song and Aidong Zhang
The Truth About Corel - Evaluation in Image Retrieval
Henning Muller, Stephane Marchand-Maillet and Thierry Pun
Non-Retrieval: Blocking Pornographic Images
Alison Bosson, Gavin Cawley, Yi Chan and Richard Harvey

12.30 - 12.45 "Boaster" Session 1
12.45 - 14.00 Lunch and Poster Session 1

Image/Video Retrieval Poster Session 1

A Linear Image-Pair Model and the Associated Hypothesis Test for Matching
G. Cox, G. de Jager

Query by Fax for Content-Based Image Retrieval
M.F.A. Fauzi, P.H. Lewis

On the Coupled Forward and Backward Anisotropic Diffusion Scheme for Color Image Enhancement
B. Smolka, K.N. Plataniotis

Spectrally Layered Color Indexing
G. Qiu, K.-M. Lam

Atomsnet: Multimedia Peer 2 Peer for File Sharing
W. de Bruijn, M.S. Lew
Using an Image Retrieval System for Vision-Based Mobile Robot Localization
J. Wolf, W. Burgard, H. Burkhardt

Multiple Regions and Their Spatial Relationship-Based Image Retrieval
B.C. Ko, H. Byun

Visual Clustering of Trademarks Using the Self-Organizing Map
M. Hussain, J. Eakins, G. Sexton

JPEG Image Retrieval Based on Features from DCT Domain
G. Feng, J. Jiang

Image Retrieval Methods for a Database of Funeral Monuments
A.J. Howell, D.S. Young

FACERET: An Interactive Face Retrieval System Based on Self-Organizing Maps
J. Ruiz-del-Solar, P. Navarrete

Object-Based Image Retrieval Using Hierarchical Shape Descriptor
M.-W. Leung, K.-L. Chan

14.00 - 15.20   Submitted papers, Session 2 - Video Retrieval

Multimodal Person Identification in Movies
Jeroen Vendrig and Marcel Worring

Automated Scene Matching in Movies
Frederik Schaffalitzky and Andrew Zisserman

Content Based Analysis for Video from Snooker Broadcasts
H. Denman, N. Rea and A. Kokaram

Retrieval of Archival Moving Imagery - CBIR Outside the Frame?
P.G.B. Enser and C.J. Sandom

15.20 - 15.40   Tea

15.40 - 17.00   Submitted papers, Session 3 - Image Retrieval II

Spin Images and Neural Networks for Efficient Content-Based Retrieval in 3D Object Databases
Pedro A de Alarcon, Alberto D. Pascual-Montano, Jose M. Carazo

Size Functions for Image Retrieval: A Demonstrator on Randomly Generated Curves
A. Brucale, M. d'Amico, M. Ferri, L. Gualandri, A. Lovato

An Efficient Coding of Three-Dimensional Colour Distributions for Image Retrieval
Jeff Berens and Graham D. Finlayson

Content Based Retrieval of Historical Watermark Images: I - Tracings
K. Jonathan Riley and John P. Eakins
17.00 - 17.15  "Boaster" Session 2  
17.15 - 18.30  Drinks Reception and Poster Session 2  

Image/Video Retrieval Poster Session 2  

Object Recognition for Video Retrieval  
R. Visser, N. Sebe, E.M. Bakker  

Semantic Video Retrieval Using Audio Analysis  
E.M. Bakker, M.S. Lew  

Extracting Semantic Information from Basketball Video Based on Audio-Visual Features  
K. Kim, J. Choi, N. Kim, P.K. Kim  

Local Affine Frames for Image Retrieval  
S. Obdrzalek, J. Matas  

A Method for Evaluating the Performance of Content-Based Image Retrieval Systems Based on Subjectively Determined Similarity Between Images  
J.A. Black, G. Fahmy, S. Panchanathan  

A Ranking Algorithm Using Dynamic Clustering for Content-Based Image Retrieval  
G. Park, Y. Baek, H.-K. Lee  

Evaluation of Salient Point Techniques  
N. Sebe, Q. Tian, E. Loupias, M.S. Lew, T.S. Huang  

Video Indexing and Retrieval for Archeological Digital Library, CLIOH  
J. Huang, D. Umamaheswaran, M. Palakal  

Personal Construct Theory as a Research Tool for Analysing User Perceptions of Photographs  
M.A. Burke  

Online Bayesian Video Summarization and Linking  
X. Orriols, X. Binefa  

Fast k-NN Image Search with Self-Organizing Maps  
K.S. Oh, A. Zaher, P.K. Kim  

Video Retrieval by Feature Learning in Key Frames  
M.J. Pickering, S.M. Ruger, D. Sinclair  

Face Detection for Video Summaries  
J.E. Viallet, O. Bernier  

Day 2 Friday July 19, 2002
9.00 - 9.30  Registration

9.30 - 10.30  Keynote address

**Information Retrieval and Summarization from Video**


10.30 - 11.00  Coffee break

11.00 - 12.00  Bringing research into the marketplace

**The added-value of CBIR technology in a business context: a case for cooperation between business and research**

Sebastien Gilles, LTU Technologies

**CBIR - Why & What For?**

Nic Sheen, iBase Ltd

12.00 - 13.00  The User and CBIR

**Visual Searching: Finding What You Want (and What You Don't Want!)**

Margaret Graham and Annette Ward, University of Northumbria

**A Review of the ARTISTE Project**

James Stevenson, V&A

13.00 - 14.00  Lunch

14.00 - 15.30  Video Indexing and Retrieval

**Challenges for Content-based Navigation of Digital Video in the Fischlar Digital Library**

Alan Smeaton, Dublin City University

**The future of video indexing in the BBC**

Chris Wilkie, BBC Information Archives

**The Challenges of Video Indexing and Retrieval Within a Commercial Environment**

Chris Porter, Getty Images

15.30 - 16.00  Tea break
16.00 - 16.45  Semantic Image Retrieval

Bridging the Semantic Gap A discussion session on the way ahead

John Eakins, University of Northumbria with a panel of international experts
planned to include Thomas Huang, University of Illinois and
Sethuraman Panchanathan, University of Arizona

16.45 -17.00         Closing Remarks

John Eakins, University of Northumbria

End of Conference