

# **Conference on Visual Information Systems (VISUAL)**

San Diego, USA, 1997

## **Program**

## **NOTE:**

There will be poster sessions tuesday and wednesday from 8:30am to 4pm The program of the poster sessions will be available in a few days.

## **Monday, December 15, 1997**

### **8:30am - Segmentation:**

#### **1. Interactive Segmentation**

Arnold W.M. Smeulders, Silvia D. Olabarriaga, Rein van den Boomgaard, and Marcel Worring

#### **2. Image Indexing with Minimum Adaptive Spatial Segmentation**

Sheng Zhong, David Doermann, and Azriel Rosenfeld

#### **3. DOG-based Unsupervised Clustering for CBIR E.J. Puwels, P. Fiddelaers and L. Van Gool**

### **10am - Break**

### **10:30am - Information Retrieval:**

#### **1. Human- and System-Directed Fusion of Multimedia and Multimodal Information using the s-Tree Data Model**

S.-K.Chang and Erland Jungert

#### **2. Classifying Objects by a Functional Learning System**

Maziar Palhang and Arcot Sowmya

#### **3. Discovering and Visualizing Narrative Themes**

Matthew Brand

### **12:00pm - Lunch Break**

### **2:30 pm - Indexing:**

#### **1. Efficient Retrieval Without a Metric**

Hemant D. Tagare

#### **2. Indexing the Content of Multimedia Documents**

Stephen W. Smoliar and Lynn D. Willcox

### **3. Indexing and Retrieval of Binary Images for Visual Information Systems**

Zhi J. Zheng and Clement H.C. Leung

### **4. Image Retrieval System in A Database**

Chabane Djeraba, Patrick Fargeaud, Henri Briand

### **4:30pm - Applications:**

#### **1. Human Face Recognition: A Minimal Evidence Approach**

Ali Reza Mirhosseini and Hong Yan

#### **2. SCHEMed: a Visual Database Tool for Definition and Entry of Medical Image Data**

S. Ghebreab, H.D. Tagare, C.C. Jaffe, and M. Worring

#### **3. Using Visual Language for Design & Query in GIS Customization**

Ahmed Lbath, Marie-Aude Aufaure-Portier, and Robert Laurini

## **Tuesday, December 16, 1997**

### **8:30am - World Wide Web:**

#### **1. Webcrawling Using Sketches**

Michael S. Lew, Kim Lempinine, and DP (Nies) Huijsmans

#### **2. ImageRover: A Content-Based Image Browser for the World Wide Web**

Stan Sclaroff, Leonid Taycher, and Marco La Cascia

#### **3. PicToSeek: A Content-Based Image Search System for the World Wide Web**

Theo Gevers and Arnold W. M. Smeulders

### **10am - Break**

### **10:30am - Similiarity Navigation:**

#### **1. Visual Navigation in Perceptual Databases**

Simone Santini and Ramesh Jain

## **2. Automatic Matching Tool Selection Using Relevance Feedback in MARS**

Yong Rui, Thomas S. Huang, Sharad Mehotra, and Michael Ortega

## **3. Pictorial Query Specification for Browsing Through Image Databases**

Aya Soffer and Hanan Samet

## **12:00pm - Lunch Break**

## **2:30 pm - Features:**

### **1. Complex Texture Classification with Edge Information**

Joseph Kuan and Paul Lewis

### **2. Tracing Images in Large Databases by Comparison of Digital Fingerprints**

Stephen Volmer

### **3. Shape Similarity Retrieval Using a Height Adjustment Curvature Scale Space Image**

Sadegh Abbasi, Farzin Mokhtarian and Josef Kittler

## **4:30pm - Invited Talk on MPEG 7**

## **6:30pm - Banquet**

# **Wednesday, December 17, 1997**

## **8:30am - Data Structures:**

### **1. Pyramids Retrieval by Color Perceptive Regions**

J.M. Corridoni, A. Del Bimbo, M. Mugnaini, P. Pala, and F. Turco

### **2. A Hierarchical Structure Representation for Content-Based Indexing and Retrieval**

Shoujie He and Norihiro Abe

## **10am - Break**

## **10:30am - Video:**

### **1. A Shot Boundary Detection Method for Video Data with Fading Effects**

Jae Yeon Lee, Byung Tae Chun, and Youngle. J. Bae

**2. Cut Detection Via Compressed Domain Edge Extraction**

Bo Shen, Donnge Li, and Ishwar K. Sethi

**12:00pm - Lunch Break**

**2:30pm - Visual Programming:**

**1. Database-driven GUI Programming**

Dagmar Wilke, Lutz Wegner and Jens Thamm

**2. Layout for Visualizing Large Software Structures in 3D**

Colin Ware, Glenn Franck, Monica Parkhi, and Tim Dudley

**3. A CSP-based Visual Distributed Programming Environment**

C.S. Chao and A.C. Liu

**4. Visual Query Interface for Object-Oriented Database "O2 Talk"**

T. Sentissi and E. Pichat

**4:30pm- Panel Session (to be decided)**