



IEEE International Conference on Multimedia & Expo

July 6th-8th 2005, Amsterdam

ICME 2005

## D

Dai, Jinhui

Daoudi, Mohamed

Dash, Manoranjan

David, Bertrand

Davis, Stephen

de Carvalho, Fausto

De Keukelaere, Frederik

De Martin, Juan Carlos

Dai, Qionghai

Das, Amitabha

Datcu, Dragos

Davis, Al

De Bra, Paul

de Jong, Franciska

de Lange, Fons

de Silva, Gamhewage



IEEE International Conference on Multimedia & Expo

July 6th-8th 2005, Amsterdam

ICME 2005

## D

De Sutter, Robbie

Debanjan, Saha

Del Bimbo, Alberto

Delakis, Manolis

DeMartini, Thomas

den Os, Els

Deng, Qianni

Descampe, Antonin

de With, Peter

Deguillaume, Frédéric

Del Vecchio, Luca

Deller, Jr., John R.

Demircin, Mehmet

Deng, Li

Deokar, Amit

Desurmont, X.



IEEE International Conference on Multimedia & Expo

July 6th-8th 2005, Amsterdam

ICME 2005

## D

- |                      |                       |
|----------------------|-----------------------|
| Devillers, Laurence  | Dimitriades, Socrates |
| Dimitrova, Nevenka   | Ding, Li-Fu           |
| Dittmann, Jana       | Divakaran, Ajay       |
| Djeraba, Chabane     | Doeller, Mario        |
| Doherty, John        | Domanski, Marek       |
| Dong, Ming           | Dong, Yingfei         |
| Dooley, Laurence S   | Dorai, Chitra         |
| Douglas-Cowie, Ellen | Doulamis, Anastasios  |



IEEE International Conference on Multimedia & Expo

July 6th-8th 2005, Amsterdam

ICME 2005

## D

Doulamis, Nikolaos

Du, Yinggang

Duan, Zhenhai

Dumitrescu, Sorina

Drew, Mark S.

Duan, Lingyu

Dufourd, Jean-Claude

Dutt, Nikil



Jinhui Dai

**\* *Organization :***

Chinese Academy of Sciences, China

**\* *Paper(s) :***



REPLAY SCENE CLASSIFICATION IN SOCCER VIDEO USING WEB BROADCAST TEXT [\(Abstract\)](#)



## Qionghai Dai

### \* *Organization :*

Dept. Automation, Tsinghua University, China

### \* *Paper(s) :*



CHANNEL-ADAPTIVE HYBRID ARQ/FEC FOR ROBUST VIDEO TRANSMISSION OVER 3G [\(Abstract\)](#)



AN ADAPTIVE HIERARCHICAL CLUSTERING PROTOCOL FOR MULTIMEDIA OVERLAY MULTICAST APPLICATIONS [\(Abstract\)](#)



## Mohamed Daoudi

### \* *Organization :*

Laboratoire d'Informatique de Tours EA 2101, France

### \* *Paper(s) :*

 AUTOMATIC 3D FACE RECOGNITION USING TOPOLOGICAL TECHNIQUES [\(Abstract\)](#)



## Amitabha Das

**\* *Organization :***

Nanyang Technological University, Singapore

**\* *Paper(s) :***



[A REVERSIBLE WATERMARKING SCHEME FOR JPEG-2000 COMPRESSED IMAGES \(Abstract\)](#)



## Manonranjan Dash

**\* *Organization :***

Nanyang Technological University, Singapore

**\* *Paper(s) :***



EASIER SAMPLING FOR AUDIO EVENT IDENTIFICATION ([Abstract](#))



IEEE International Conference on Multimedia & Expo  
July 6th-8th 2005, Amsterdam  
ICME 2005

## Dragos Datcu

### \* *Organization :*

T.U.Delft, Netherlands

### \* *Paper(s) :*

 [FACIAL EXPRESSIONS RECOGNITION WITH RELEVANCE VECTOR MACHINES \(Abstract\)](#)



## Bertrand David

### \* *Organization :*

ENST – Télécom Paris, France

### \* *Paper(s) :*



EXTRACTING NOTE ONSETS FROM MUSICAL RECORDINGS [\(Abstract\)](#)



## Al Davis

### \* ***Organization :***

University of Utah, United States of America

### \* ***Paper(s) :***

 ADDRESS ACCELERATION MECHANISMS FOR AN ADAPTIVE CELLULAR TELEPHONY (ACT)  
COPROCESSOR [\(Abstract\)](#)



## Stephen Davis

### \* *Organization :*

University of Wollongong, Australia

### \* *Paper(s) :*

 EXCHANGING XML MULTIMEDIA CONTAINERS USING A BINARY XML PROTOCOL [\(Abstract\)](#)



## Paul De Bra

### \* ***Organization :***

Technische Universiteit Eindhoven, The Netherlands

### \* ***Paper(s) :***



PERSONALIZED PRESENTATION AND NAVIGATION [\(Abstract\)](#)



## Fausto de Carvalho

**\* *Organization :***

PT Inovação, S.A, Portugal

**\* *Paper(s) :***



[HYPERLINKED VIDEO WITH MOVING OBJECTS IN DIGITAL TELEVISION \(Abstract\)](#)



## Franciska de Jong

### \* ***Organization :***

University of Twente, The Netherlands

### \* ***Paper(s) :***



INOLINK: ANALYSIS OF DUTCH BROADCAST NEWS AND CROSS-MEDIA BROWSING [\(Abstract\)](#)



## Frederik De Keukelaere

**\* *Organization :***

Ghent University, Belgium

**\* *Paper(s) :***



SUPPORTING RIGHTS CHECKING IN AN MPEG-21 DIGITAL ITEM PROCESSING ENVIRONMENT  
[\(Abstract\)](#)



## Fons de Lange

**\* *Organization :***

Philips Research Eindhoven, The Netherlands

**\* *Paper(s) :***

 [REAL-TIME AND DISTRIBUTED AV CONTENT ANALYSIS SYSTEM FOR CONSUMER ELECTRONICS NETWORKS \(Abstract\)](#)



## Juan Carlos De Martin

### \* *Organization :*

IEIIT – CNR, Italy

### \* *Paper(s) :*

 LOW-COMPLEXITY AUTOMATIC SPEAKER RECOGNITION IN THE COMPRESSED GSM AMR DOMAIN  
[\(Abstract\)](#)

 STANDARD COMPATIBLE ERROR CORRECTION FOR MULTIMEDIA TRANSMISSIONS OVER 802.11 WLAN  
[\(Abstract\)](#)



## Gamhewage de Silva

**\* *Organization :***

University of Tokyo, Japan

**\* *Paper(s) :***



VIDEO HANDOVER FOR RETRIEVAL IN A UBIQUITOUS ENVIRONMENT USING FLOOR SENSOR DATA  
[\(Abstract\)](#)



## Robbie De Sutter

**\* *Organization :***

Ghent University – IBBT, Belgium

**\* *Paper(s) :***



PERSONALIZING QUALITY ASPECTS IN SCALABLE VIDEO CODING [\(Abstract\)](#)



## Peter de With

### \* *Organization :*

Technical University Eindhoven / LogicaCMG, Netherlands

### \* *Paper(s) :*

 [FAST CAMERA CALIBRATION FOR THE ANALYSIS OF SPORT SEQUENCES \(Abstract\)](#)

 [REAL-TIME AND DISTRIBUTED AV CONTENT ANALYSIS SYSTEM FOR CONSUMER ELECTRONICS NETWORKS \(Abstract\)](#)



## Saha Debanjan

**\* *Organization :***

IBM, United States of America

**\* *Paper(s) :***

 [CSR: SPEAKER RECOGNITION FROM COMPRESSED VOIP PACKET STREAM \(Abstract\)](#)



## Frédéric Deguillaume

### \* *Organization :*

CUI – University of Geneva, Switzerland

### \* *Paper(s) :*

 PROTOCOLS FOR DATA-HIDING BASED TEXT DOCUMENT SECURITY AND AUTOMATIC  
PROCESSING [\(Abstract\)](#)



## Alberto Del Bimbo

### \* ***Organization :***

University of Firenze, Italy

### \* ***Paper(s) :***

-  [SEGMENTATION OF 3D OBJECTS USING PULSE-COUPLED OSCILLATOR NETWORKS](#) [\(Abstract\)](#)
-  [RETRIEVAL OF 3D OBJECTS USING CURVATURE CORRELOGRAMS](#) [\(Abstract\)](#)
-  [3D MESH PARTITIONING FOR RETRIEVAL BY PARTS APPLICATIONS](#) [\(Abstract\)](#)
-  [VIDEO ANNOTATION WITH PICTORIALLY ENRICHED ONTOLOGIES](#) [\(Abstract\)](#)



## Luca Del Vecchio

**\* *Organization :***

Politecnico di Milano, Italy

**\* *Paper(s) :***



FAST MACROBLOCK INTRA AND INTER MODES SELECTION FOR H.264/AVC [\(Abstract\)](#)



## Manolis Delakis

**\* *Organization :***

IRISA/University of Rennes 1, France

**\* *Paper(s) :***

 [MULTIMODAL SEGMENTAL-BASED MODELING OF TENNIS VIDEO BROADCASTS \(Abstract\)](#)



**John R. Deller, Jr.**

**\* *Organization :***

Michigan State University, United States of America

**\* *Paper(s) :***



DETECTOR DESIGN FOR PARAMETRIC SPEECH WATERMARKING [\(Abstract\)](#)



## Thomas DeMartini

**\* *Organization :***

ContentGuard, United States of America

**\* *Paper(s) :***



SUPPORTING RIGHTS CHECKING IN AN MPEG-21 DIGITAL ITEM PROCESSING ENVIRONMENT  
[\(Abstract\)](#)



## Mehmet Demircin

### \* *Organization :*

Georgia Institute of Technology, United States of America

### \* *Paper(s) :*

 BANDWIDTH ESTIMATION AND ROBUST VIDEO STREAMING OVER 802.11E WIRELESS LANS  
[\(Abstract\)](#)



## Els den Os

**\* *Organization :***

Max Planck Institute for Psycholinguistics, Netherlands

**\* *Paper(s) :***



INTERACTIVITY AND MULTIMODALITY IN THE IMIX DEMONSTRATOR [\(Abstract\)](#)



## Li Deng

### \* *Organization :*

Microsoft Research, United States of America

### \* *Paper(s) :*

 [MULTI-SENSORY SPEECH PROCESSING: INCORPORATING AUTOMATICALLY EXTRACTED HIDDEN DYNAMIC INFORMATION \(Abstract\)](#)



## Qianni Deng

### \* *Organization :*

Shanghai Jiaotong University, China

### \* *Paper(s) :*

 JOINT SENDER/RECEIVER OPTIMIZATION ALGORITHM FOR MULTI-PATH VIDEO STREAMING USING HIGH RATE ERASURE RESILIENT CODE [\(Abstract\)](#)



## Amit Deokar

### \* *Organization :*

CMI, The University of Arizona, United States of America

### \* *Paper(s) :*



[HMM-BASED DECEPTION RECOGNITION FROM VISUAL CUES \(Abstract\)](#)



## Antonin Descampe

### \* *Organization :*

Université Catholique de Louvain, Belgium

### \* *Paper(s) :*



[DATA PREFETCHING FOR SMOOTH NAVIGATION OF LARGE SCALE JPEG 2000 IMAGES \(Abstract\)](#)



## X. Desurmont

**\* *Organization :***

Multitel, Belgium

**\* *Paper(s) :***

 CANDELA – STORAGE, ANALYSIS AND RETRIEVAL OF VIDEO CONTENT IN DISTRIBUTED SYSTEMS:  
REAL-TIME VIDEO SURVEILLANCE AND RETRIEVAL [\(Abstract\)](#)



## Laurence Devillers

**\* *Organization :***

LIMSI–CNRS, France

**\* *Paper(s) :***

 ANNOTATION AND DETECTION OF BLENDED EMOTIONS IN REAL HUMAN–HUMAN DIALOGS  
RECORDED IN A CALL CENTER [\(Abstract\)](#)



## Socrates Dimitriades

**\* *Organization :***

Brown University, United States of America

**\* *Paper(s) :***

 A TWO-LEVEL CBIR PLATFORM WITH APPLICATION TO BRAIN MRI RETRIEVAL [\(Abstract\)](#)



## Nevenka Dimitrova

**\* *Organization :***

Philips Research USA, United States of America

**\* *Paper(s) :***



[USER STUDY FOR GENERATING PERSONALIZED SUMMARY PROFILES \(Abstract\)](#)



## Li-Fu Ding

### \* *Organization :*

DSP/IC Design Lab, GIEE , NTU, Taiwan

### \* *Paper(s) :*

 EFFICIENT DEPTH IMAGE BASED RENDERING WITH EDGE DEPENDENT DEPTH FILTER AND INTERPOLATION ([Abstract](#))



## Jana Dittmann

### \* *Organization :*

Otto-von-Guericke University Magdeburg, Germany

### \* *Paper(s) :*

 DISTANCE-LEVEL FUSION STRATEGIES FOR ONLINE SIGNATURE VERIFICATION [\(Abstract\)](#)



## Ajay Divakaran

### \* *Organization :*

Mitsubishi Electric Research Laboratories, United States of America

### \* *Paper(s) :*

 HIGHLIGHTS EXTRACTION FROM SPORTS VIDEO BASED ON AN AUDIO–VISUAL MARKER DETECTION FRAMEWORK [\(Abstract\)](#)



## Chabane Djeraba

### \* *Organization :*

LIFL – UMR CNRS 8022, France

### \* *Paper(s) :*



KPYR: AN EFFICIENT INDEXING METHOD [\(Abstract\)](#)



## Mario Doeller

### \* *Organization :*

University Klagenfurt, Austria

### \* *Paper(s) :*



APPROXIMATING THE SELECTIVITY OF MULTIMEDIA RANGE QUERIES [\(Abstract\)](#)



## John Doherty

### \* *Organization :*

FXPAL, United States of America

### \* *Paper(s) :*



MEDIATED MEETING INTERACTION FOR TELECONFERENCING [\(Abstract\)](#)



## Marek Domanski

### \* *Organization :*

Poznan University of Technology, Poland

### \* *Paper(s) :*

 A SIMPLE TECHNIQUE FOR SNR-SCALABLE VIDEO CODING USING MACROBLOCK SPIRAL RE-ORDERING ([Abstract](#))



## Ming Dong

### \* *Organization :*

Department of Computer Science, Wayne State University, United States of America

### \* *Paper(s) :*

 XML PATH BASED RELEVANCE MODEL FOR AUTOMATIC IMAGE ANNOTATION [\(Abstract\)](#)

 I2A: AN INTERACTIVE IMAGE ANNOTATION SYSTEM [\(Abstract\)](#)



## Yingfei Dong

### \* *Organization :*

University of Hawaii, United States of America

### \* *Paper(s) :*

 EXPLOITING LIMITED UPSTREAM BANDWIDTH IN PEER-TO-PEER STREAMING [\(Abstract\)](#)



## Laurence S Dooley

### \* *Organization :*

Monash University, Australia

### \* *Paper(s) :*



[FUZZY IMAGE SEGMENTATION USING SHAPE INFORMATION \(Abstract\)](#)



## Chitra Dorai

**\* *Organization :***

IBM T. J. Watson Research Center, United States of America

**\* *Paper(s) :***



[VIDEO FRAME IDENTIFICATION FOR LEARNING MEDIA CONTENT UNDERSTANDING \(Abstract\)](#)



## Ellen Douglas-Cowie

**\* *Organization :***

Queens University of Belfast, United Kingdom

**\* *Paper(s) :***



AN INTELLIGENT SYSTEM FOR FACIAL EMOTION RECOGNITION [\(Abstract\)](#)



## Anastasios Doulamis

### \* *Organization :*

National Technical University of Athens, Greece

### \* *Paper(s) :*

 RETRIEVING, ADAPTING AND DELIVERING MULTIMEDIA CONTENT USING A MOBILE AGENT ARCHITECTURE ([Abstract](#))



## Nikolaos Doulamis

### \* *Organization :*

National Technical University of Athens, Greece

### \* *Paper(s) :*

 RETRIEVING, ADAPTING AND DELIVERING MULTIMEDIA CONTENT USING A MOBILE AGENT ARCHITECTURE [\(Abstract\)](#)

 SELF CONFIGURABLE QUERIES FOR DIGITAL IMAGE LIBRARIES [\(Abstract\)](#)



## Mark S. Drew

**\* *Organization :***

Simon Fraser University, Canada

**\* *Paper(s) :***



HUMAN POSTURE RECOGNITION WITH CONVEX PROGRAMMING [\(Abstract\)](#)



## Yinggang Du

### \* *Organization :*

Chinese University of Hong Kong, Hong Kong

### \* *Paper(s) :*

 [AN ADAPTIVE UEP\\_BTC\\_STBC SYSTEM FOR ROBUST H.264 VIDEO TRANSMISSION \(Abstract\)](#)



## Lingyu Duan

### \* ***Organization :***

Institute for Infocomm Research, Singapore

### \* ***Paper(s) :***

 A MID-LEVEL VISUAL CONCEPT GENERATION FRAMEWORK FOR SPORTS ANALYSIS [\(Abstract\)](#)

 PERIODICITY DETECTION OF LOCAL MOTION [\(Abstract\)](#)

 REPLAY SCENE CLASSIFICATION IN SOCCER VIDEO USING WEB BROADCAST TEXT [\(Abstract\)](#)



## Zhenhai Duan

### \* *Organization :*

Florida State University, United States of America

### \* *Paper(s) :*

 EXPLOITING LIMITED UPSTREAM BANDWIDTH IN PEER-TO-PEER STREAMING [\(Abstract\)](#)



## Jean-Claude Dufourd

**\* *Organization :***

Streammezo, France

**\* *Paper(s) :***

 CONTEXT-AWARE SEMANTIC ADAPTATION OF MULTIMEDIA PRESENTATIONS [\(Abstract\)](#)



## Sorina Dumitrescu

**\* *Organization :***

McMaster University, Canada

**\* *Paper(s) :***

 GLOBALLY OPTIMAL UNEVEN ERASURE-PROTECTED MULTI-GROUP PACKETIZATION OF SCALABLE CODES [\(Abstract\)](#)



## Nikil Dutt

### \* *Organization :*

University of California at Irvine, United States of America

### \* *Paper(s) :*

 [AN EXPERIMENTAL STUDY ON ENERGY CONSUMPTION OF VIDEO ENCRYPTION FOR MOBILE HANDHELD DEVICES \(Abstract\)](#)