CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

CIVR 2009

ACM International Conference on Image and Video Retrieval 2009 (CIVR 2009)

Organized by :

Centre for Research and Technology Hellas - Informatics and Telematics Institute **(CERTH-ITI)**

University of Geneva **(Viper)**

8-10 July 2009 Island of Santorini, Greece.

News

CIVR 2010 takes place in July 5-7, 2010, in Xi'an, China

CIVR 2009 at **ACM SIGMM Records**

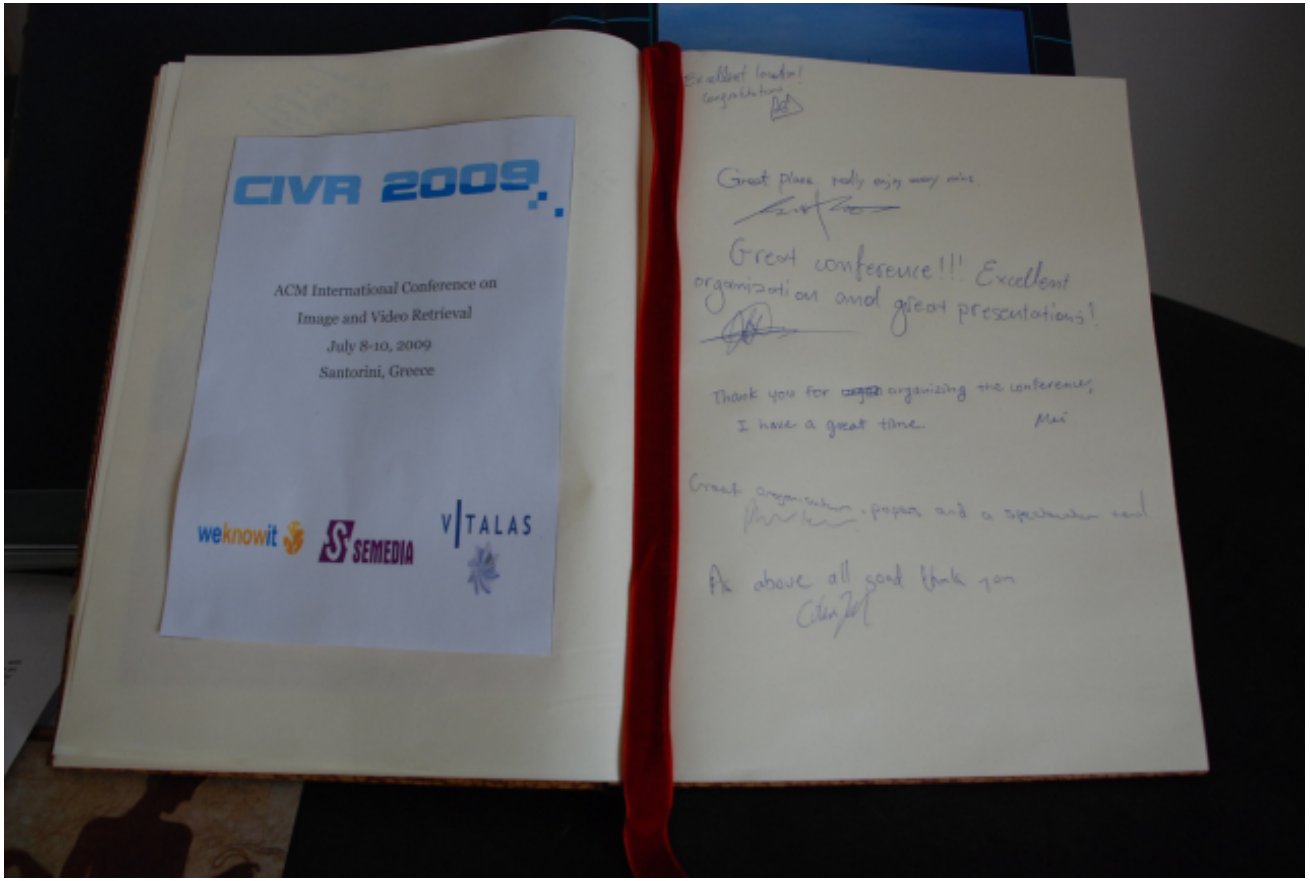
The **CIVR 2009** proceedings are now available from the **ACM Digital Library**

The CIVR 2009 proceedings have been processed and will be uploaded into the ACM DL after some last copyright issues are solved.

Flickr group for uploading your photos is **CIVR2009**

The best paper of CIVR 2009 is: "Jasper Uijlings, Arnold Smeulders and Remko Scha, Real-time Bag of Words, Approximately"

The registration desk will open at 8am on July 8.



Poster size should be A0 portrait (841 × 1189 mm).

The **Practitioners Day** program is now available

The **program** is now available.

Twitter tag **#civr2009**

Registration is now open.

31/03/2009 Notifications have been sent.

Accommodation page opened.

We received 127 submissions this year and the review process took longer than we expected trying to ensure high quality review for all these submissions. We apologise for the delay.

Paper submission is now CLOSED

Paper submission deadline extended to February 8th.

Prof. Luis von Ahn (CMU) and **Prof. Luc van Gool** (ETHZ and Univ. Leuven) are confirmed as invited speakers.

First Call for **Special Session Proposals** (Deadline: 8 Dec 2008)

Following the tradition of previous CIVR conferences, a **VideOlympics Showcase** will also take place in CIVR 2009.

Selected papers after resubmission and review will be published in a Special Issue of Springer, **Multimedia Tools and Applications Journal**.

CIVR will take place right after the 16th International Conference on Digital Signal Processing (DSP 2009, **http://www.dsp2009.org**), the most longstanding conference in the area of DSP, which will take place in 5-7 July 2009.

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Call for Papers

Call for Special Sessions

First Call for Special Session Proposals

Call for Papers

Image and Video retrieval have now reached a state where successful techniques and applications start flourishing. The ACM International Conference on Image and Video Retrieval (ACM-CIVR) series of conferences is the ideal opportunity to present and encounter such developments. Originally set up to

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illuminate the state-of-the-art in image and video retrieval throughout the world, it is now a reference event in the field where researchers and practitioner exchange knowledge and ideas.

CIVR2009 is seeking original high quality submissions addressing innovative research in the broad field of image and video retrieval. We wish to highlight significant contributions addressing the main problem of search and retrieval but also the equally important related issues of multimedia content management, user interaction and community-based management.

Topics of interest include but are not limited to:

- Content-based indexing, search and retrieval of images and video
- Image/video search and browsing on the Web
- Advanced descriptors and similarity metrics for audio and video
- Multimedia content analysis and

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understanding

- Semantic retrieval of images and video
- Learning and relevance feedback in image/ video retrieval
- Query models, paradigms, and languages for image/video retrieval
- Human perception based image/video retrieval
- Studies of information-seeking behaviour among image/video users
- Affective/Emotional interaction or interfaces for image/video retrieval
- HCI issues in image/video retrieval
- Evaluation of image and video retrieval systems
- High performance image/video indexing algorithms
- Database architectures for image/video retrieval
- Novel image data management systems and applications
- Community-based image and video management
- Retrieval from multimodal lifelogs

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- Interaction with medical image databases
- Satellite imagery analysis/retrieval
- Image/Video summarization and visualization

Important Dates:

- 1 February 2009 : Paper Submission
- 15 March 2009 : Notification of acceptance
- 24 April 2009: Signed copyright transfer form
- 30 April 2009 : Submission of camera-ready papers

Download as PDF

Past CIVR conferences :

- CIVR2008
- CIVR2007
- CIVR2006
- CIVR2005

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Important Dates

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8-10 July 2009		Conference

5 September 2008, **Deadline for CIVR2010 Organizers**

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Cam-Ready Preparation

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You should modify your paper in response to the reviewers' comments attached below. We hope that these reviews will provide you with useful feedback for improving your paper, and we expect you to adopt the reviewer's comments to the best of your ability.

It is necessary that at least one of the authors registers and be able to present your work at the conference.

You should prepare a camera-ready copy and sign a copyright transfer form for inclusion within the ACM Digital Library. Original copyright transfer forms should be received soon so it is advicedadvised to send them

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right now (see below).

The style of the paper should strictly follows the formatting guidelines for ACM Proceedings available at: **http://www.acm.org/sigs/publications/proceedings-templates**, using the "Option 2" style.

The following ISBN number for CIVR 2009 proceedings should be used where needed : 978-1-60558-480-5

The Standard Copyright Statement should appear at the bottom first page left column of each article:

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CIVR '09, July 8-10, 2009 Santorini, GR

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Papers should also include ACM Computing Classification categories and terms. The templates provide space for this indexing and point authors to the Computing Classification Scheme at:

http://www.acm.org/about/class/1998

Failing to comply with the above formatting rules will directly exclude the paper from the ACM Digital Library.

PDF version of the camera ready paper should be submitted thru the EasyChair system, used for the submission

Before inclusion of their papers in the ACM Digital Library, it is also critical that authors sign the ACM copyright form available at:

http://www.acm.org/publications/copyright_form

to transfer copyright to ACM. For jointly authored papers, an original signature is

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required from one (assumed senior) author only. However, it is assume that all authors have been advised and have consented to the terms of the Form and this single author acts as duly authorized agent of the others.
Authors retain many rights even after such a transfer. The complete ACM Copyright Policy can be viewed by your authors at:
http://www.acm.org/publications/policies/copyright_policy

Forms should be sent by surface mail to:

Stephane Marchand-Maillet
[CIVR form]
Department of Computer Science, Computer Vision and Multimedia Lab
CUI, University of Geneva
Battelle (Bat A)
Route de Drize, 7
CH-1227 Carouge, Switzerland

Original forms should be sent by surface mail for collective transfer to ACM. A fax copy may be sent to secure receipt at:
Fax: +41 (0)22 379 0250

Deadline for receipt of the original signed

copyright transfer form: April 24, 2009

Deadline for receipt of camera-ready copy paper: April 30th, 2009

Papers Submission

1. All submissions must be submitted electronically through the CIVR 2009 Easychair Submission Site (**no email or ftp**).
2. Use the CIVR 2009 Easychair Submission Site to provide the main information and upload the file of your complete paper. You will be given an **id/password** which must later be used to access the system during future/ update steps, so be careful to remember it.
3. The proceedings of the workshop will be available through ACM Digital Library.
4. Submitted papers should be in the ACM Conference style, see "the ACM

template page", using the "Option 1" style. This is also the style that will be required for final papers. Papers must not exceed 8 pages in 9 point font and must be submitted as pdf files. Papers exceeding the limits will be rejected without review.

5. The deadline for submitting your paper is midnight CET on ~~February 1st, 2009~~ **February 8th, 2009**.
6. Questions about the submission process may be using the contact form

Submissions are not anonymous.

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Home

Program

The CIVR 2009 conference will include sessions for presenting high-quality research papers and for sharing **practitioner experience**. For this purpose it will contain keynote speeches, oral/poster sessions, as well as a demo session for demonstration of existing commercial products, systems, and prototypes.

The program will also include the **practitioner day** and the **VideOlympics** showcase.

During the welcome reception, the **SEMEDIA** project, will demonstrate the group of search tools they have developed for video environments, such as audiovisual production, film industry postproduction and online

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communications media. SEMEDIA is co-funded by the European Union.

Invited Speakers

Prof. Luis von Ahn (CMU) and **Prof. Luc Van Gool** (ETHZ and Univ. Leuven) are confirmed as invited speakers.

Day 1: July 8

[09.00-10.00] Keynote 1 - Chair: Yiannis Kompatsiaris

*"Human Computation", **Prof. Luis von Ahn***

[10.00-10.20] Coffee break

[10.20-12.00] Oral session 1 - Chair: Marcel Worring

Interactive systems:Retrieval and Browsing

- Peter Wilkins, Raphael Troncy, Martin Halvey, Daragh Byrne, Alia Amin, P Punitha, Alan Smeaton and Robert Villa, *User Variance and its Impact on Video*

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Retrieval Benchmarking

- Grant Strong and Minglun Gong, *Organizing and Browsing Photos using Different Feature Vectors and Their Evaluations*
- Qizhen He, Zhiwu Lu and Horace Ip, *View Topics: Automatically Generated Characteristic View for Content-Based 3D Object Retrieval*
- Edward Lo, Mark Pickering, Michael Frater and John Arnold, *Query by Example using Invariant Features from the Double Dyadic Dual-Tree Complex Wavelet Transform*

[12.00-13.30] Lunch break

[13.30-15.10] Oral session 2 - Chair: Nicu Sebe

Best paper candidates

- Jasper Uijlings, Arnold Smeulders and Remko Scha, *Real-time Bag of Words, Approximately*
- Lyndsey Pickup and Andrew Zisserman, *Automatic retrieval of visual continuity errors in movies*

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- Martin Halvey and Joemon M. Jose, *Role of Expertise in Aiding Video Search*
- Rainer Lienhart, Stefan Romberg and Eva Hörster, *Multilayer pLSA for Multimodal Image Retrieval*

[15.40-18.00] Poster session - Chair: Vasileios Mezaris

- Costantino Grana, Daniele Borghesani and Rita Cucchiara. *Picture Extraction from Digitized Historical Manuscripts*
- Motoaki Kawanabe, Shinichi Nakajima and Alexander Binder. *A Procedure of Adaptive Kernel Combination with Kernel-Target Alignment for Object Classification*
- Mihir Jain, Sreekanth Vempati, Chandrika Pulla and Jawahar C. V.. *Example Based Video Filters*
- Georgios Goudelis, Anastasios Tefas and Ioannis Pitas. *Using Mutual Information to Indicate Facial Poses in Video Sequences*
- Takahiko Furuya and Ryutarou Ohbuchi. *dense sampling and fast encoding for 3d model retrieval using bag-of-visual features*
- Joao Magalhaes, José Iria and Fabio

Ciravegna. *Web News Categorization using a Cross-Media Document Graph*

- Rainer Lienhart and Ina Döhring. *Mining TV Broadcasts for Recurring Video Sequences*
- Ioannis Arapakis, Yashar Moshfeghi, Hideo Joho, Reede Ren, David Hannah and Joemon M. Jose. *Enriching User Profiling with Affective Features for the Improvement of a Multimodal Recommender System*
- Zhiwu Lu, Horace Ip and Qizhen He. *Context-Based Multi-Label Image Annotation*
- Hideo Joho, Joemon Jose, Roberto Valenti and Nicu Sebe. *Exploiting Facial Expressions for Affective Video Summarisation*
- Philip DeCamp and Deb Roy. *A Human-Machine Collaborative Approach to Tracking Human Movement in Multi-Camera Video*
- Philip Kelly, Ciaran O Conaire and Noel OConnor. *Exploiting Contextual Data for Event Retrieval in Surveillance Video*
- Ceyhun Burak Akgul, Devrim Unay and

Ahmet Ekin. *Automated Diagnosis of Alzheimer's Disease using Image Similarity and User Feedback*

- Vasileios Chasanis, Argyris Kalogeratos and Aristidis Likas. *Movie Segmentation into Scenes and Chapters Using Locally Weighted Bag of Visual Words*
- Jianping Fan. *Integrating Visual and Semantic Contexts for Topic Network Generation and Word Sense Disambiguation*
- Ville Viitaniemi and Jorma Laaksonen. *Spatial Extensions to Bag of Visual Words*
- Stefanie Tellex and Deb Roy. *Towards Surveillance Video Search by Natural Language Query*
- Thomas Deselaers, Tobias Gass, Philippe Dreuw and Hermann Ney. *Jointly Optimising Relevance and Diversity in Image Retrieval*
- Thi Lan Le, Monique Thonnat, Alain Boucher and Francois Bremond. *Appearance based retrieval for tracked objects in surveillance videos*

- Manni Duan, Adrian Ulges, Thomas Breuel and Xiu-qing Wu. *Style Modeling for Tagging Personal Photo Collections*
- Songhua Xu, Hao Jiang and Francis C.M. Lau. *Learning to rank videos personally using multiple clues*
- Alexandre Hervieu, Patrick Bouthemy and Jean-Pierre Le Cadre. *Trajectory-based handball video undestanding*
- Robin ALy, Djoerd Hiemstra and Arjen de Vries. *Reusing Annotation Labor for Concept Selection*
- Mei-Chen Yeh and Kwang-Ting Cheng. *Video Copy Detection by Fast Sequence Matching*
- Hongtao Xu, Xiangdong Zhou, Mei Wang, Yu Xiang and Baile Shi. *Exploring Flickr's Related Tags for Semantic Annotation of Web Images*
- Thierry Urruty, Frank Hopfgartner, David Hannah, Desmond Elliott and Joemon M. Jose. *Supporting Aspect-Based Video Browsing – Analysis of a User Study*
- Tat-Seng Chua, Jinhui Tang, Richang

Hong, Haojie Li, Zhiping Luo and Yantao Zheng. *NUS-WIDE: A Real-World Web Image Database from National University of Singapore*

[19:00 - 21:00] SEMEDIA Welcome Reception

Day 2: July 9

[09.00-10.00] Keynote 2 - Chair: Stephane Marchand-Maillet

"Mining from large image sets", ***Prof. Luc Van Gool***

[10.00-10.20] Coffee break

[10.20-12.25] Oral session 3 -

Chair: Georges Quénot

Geo-tagging and high-level semantic annotation

- Adrian Popescu and Pierre-Alain Moëllic, *MonuAnno: Automatic Annotation of Georeferenced Landmarks Images*

- Jim Kleban, Emily Moxley, Jiejun Xu and B. S. Manjunath, *Global Annotation on Georeferenced Photographs*
- Keiji Yanai, Hidetoshi Kawakubo and Bingyu Qiu, *A Visual Analysis of the Relationship between Word Concepts and Geographical Locations*
- Theodora Tsikrika, Christos Diou, Arjen de Vries and Anastasios Delopoulos, *Image annotation using clickthrough data*
- Xiao-Yong Wei, Yu-Gang Jiang and Chong-Wah Ngo, *Exploring Inter-Concept Relationship with Context Space for Semantic Video Indexing*

[12.25-14.00] Lunch break

[14.00-16.05] Oral session 4 - Chair: Cees Snoek

Image and Video Processing

- Ruixuan Wang, Stephen J. McKenna and Junwei Han, *High-Entropy Layouts for Content-based Browsing and Retrieval*
- Hideki Nakayama,Tatsuya Harada and Yasuo Kuniyoshi, *Dense Sampling Low-*

Level Statistics of Local Features

- Wei-Ta Chu, Che-Cheng Lin and Jen-Yu Yu, *Using Cross-Media Correlation for Scene Detection in Travel Videos*
- Matthijs Douze, Hervé Jégou, Harsimrat Singh, Laurent Amsaleg and Cordelia Schmid. *Evaluation of GIST descriptors for web-scale image search*
- Mahmudur Rahman and Prabir Bhattacharya, *Image Retrieval with Automatic Query Expansion Based on Local Analysis in a Semantical Concept Feature Space*

[16.05-16.30] Coffee break

[16.30-18.30] Videolympics - Chair: Alan Smeaton

- Colum Foley, Peter Wilkins and Alan F. Smeaton, *DCU Collaborative Video Search System*
- Ork de Rooij, Cees G.M. Snoek, and Marcel Worring, *MediaMill: Guiding the User to Results using the ForkBrowser*
- Stefanos Vrochidis, Paul King, Lambros

Makris, Anastasia Moumtzidou, Spiros Nikolopoulos, Anastasios Dimou, Vasileios Mezaris and Ioannis Kompatsiaris, *MKLab Interactive Video Retrieval System*

- Jianmin Li, Zhikun Wang, Bo Zhang, *The Interactive Video Retrieval System in SMARTV 2009*
- Stéphane Ayache, Georges Quénot, Laurent Besacier, *The LIG Multi-Criteria System for Video Retrieval*
- Juan Cao, Yong-Dong Zhang, Jun-Bo Guo, Lei Bao, Jin-Tao Li, *VideoMap: An Interactive Video Retrieval System of MCG-ICT-CAS*
- Yan-Tao Zheng, Shi-Yong Neo, Xiangyu Chen and Tat-Seng Chua, *VisionGo: Towards True Interactivity*

[19:30-22:30] Social event - Dinner at Skala Restaurant, Oia

Day 3: July 10

Practitioners day

VideOlympics Showcase

VideOlympics Showcase is real-time demo session of video retrieval systems. The major aim of the VideOlympics is to promote video retrieval research. An additional main goal of the VideOlympics is giving the audience a good perspective on the possibilities and limitations of the current state-of-the-art systems. Where traditional evaluation campaigns like TRECVID focus primarily on the effectiveness of collected retrieval results, the VideOlympics also allows to take into account the influence of interaction mechanisms and the advanced visualizations in the interface. Specifically, VideOlympics is a showcase that goes beyond the regular demo session: it should be fun to do for the participants and fun to watch for the conference audience. For all these reasons, the VideOlympics should only have winners. Similar to previous years, a number of TRECVID participants will simultaneously do an interactive search task during the VideOlympics showcase event. For the first

time, in the 2009 edition of the VideOlympics a round with novice users will be included, in addition to the round with expert users.

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Registration

Registration Guidelines

You may register to CIVR2009 by filling the registration form **PDF** or **WORD** and return it by fax to +30 2310 474128 or scan & email to Maria Papadopoulou (**marpap@iti.gr**); bank transfers and credit card payments are possible.

Registration for the conference comprises the following fee that covers for:

- admission to all CIVR2009 sessions
- refreshments during coffee breaks on the conference days
- one electronic copy of the conference proceedings
- one invitation for the conference

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welcome reception and the conference social dinner

Payment	Early registration	Late registration
Registration Member	460,00 €	560,00 €
Registration Regular	520,00 €	630,00 €
Registration Student	360,00 €	450,00 €

Each paper must have at least one author registered at a non-student rate by April 30, 2009. Additionally, for each accepted paper at least one author is required to attend the conference and present the paper.

Early registration rates apply for payment by credit card or bank transfer received by May 15, 2009.
Late registration rates apply for payment by credit card or bank transfer received between May 16 and June 26, 2009.
Payment on site (late registration rates apply) will be possible in cash only.

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Students' and reduced registrations correspond to full benefits. A **student registration fee** requires a confirmation student's status, which has to be delivered to CIVR2009 organizers upon the actual registration.

Detailed information

Affiliation (account holder):

EKETA

6th Km Charilaou-Thermi Road,

57001 Thermi, Thessaloniki,

Greece

Tel: +302310498100

Bank

Eurobank

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Tel: +30 2310480023

Visa information

Attendants from certain coutries may need a visa in order to enter Greece (please see **http://www.mfa.gr/www.mfa.gr/en-US/Services/Visas/Visas+for+Foreigners+travelling+to+Greece/** for more information on your specific case). In case you are an author of an accepted paper with registration fees paid and you require a visa, the conference organisers will be happy to issue an invitation letter. If needed, please send an e-mail to Maria Papadopoulou (**marpap@iti.gr**) quoting your **title** (Mr, Mrs, Dr, etc.), **first name**, **family name**, **country**, **affiliation** (Organization / University name) and your paper title/number.

CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

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- Daniel Gatica-Perez, Idiap Research Institute, Switzerland
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Singapore, Singapore

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- Edward Chang, Google, China
- Sébastien Marcel, Idiap Research Institute, Switzerland
- Roelof van Zwol, Yahoo, Spain

Special Session Chair

- Eric Bruno, Univ. of Geneva, Switzerland
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- Nikos Sarris, ATC, Greece

on July 8.

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Shih-Fu Chang, Columbia University

Michael Christel, CMU

Theo Gevers, University of Amsterdam

Patrick Gros, IRISA, France

William Grosky, University of Michigan, US

Alan Hanjalic, Delft University of Technology

Alex Hauptmann, CMU

Xian-Sheng Hua, Microsoft Research

Benoit Huet, Eurecom institute, France

Ichiro Ide, National Institute of Informatics

Horace Ip, City University of Hong Kong

Gareth Jones, Dublin City University, Ireland

Joemon Jose, University of Glasgow, UK

Mohan Kankanhalli, National University of Singapore

Stefanos Kollias, NTUA, Greece

Riccardo Leonardi, University of Brescia, Italy

Michael Lew, Leiden University

Paul Lewis, University of Southampton

Clement Leung, Victoria University

Rainer Lienhart, University of Augsburg

Suzanne Little, Knowledge Media Institute, The Open University, UK

Alex Loui, Eastman Kodak Labs, USA

Jiebo Luo, Eastman Kodak Labs, USA

Joao Magalhaes, Instituto Superior de Engenharia de Lisboa

Raghavan Manmatha, University of Massachusetts, Amherst

Jiri Matas, CVUT Prague

Bernard Merialdo, Institut Eurecom, France

Yiannis Patras, Queen Mary, University of London, UK

Jenny Benois-Pineau, LABRI/Universite Bordeaux 1, France

Pedro Quelhas, Univ. of Porto, Portugal

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Ling Shao, Philips Research Laboratories, Eindhoven

Josef Sivic, University of Oxford

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Arjen P. de Vries, CWI

James Wang, Pennsylvania State University

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Rong Yan, IBM Research

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Accommodation

Welcome to CIVR2009 and beautiful Santorini!

When attending the ACM International Conference on Image and Video Retrieval 2009 (CIVR 2009) at such a beautiful destination as Santorini

- accommodation
- excursions
- travel to and from Santorini
- pre-and post accommodation
- pre-and post excursions
- transfers
- tickets

might be a part of your requirements…

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We are most pleased to be able to provide you with all of the above, with special conference rates.

Please find information on hotels and excursions offered, and register simply by filling in the registration form (at the end of each activity) for each accommodation or activity.

When submitting the reservation, you will receive a preliminary confirmation within 24 hours and additional information regarding the payment procedures for your booking.

Do not hesitate to contact our help desk at **+30 210 8956518** or mail us at **events@nostus.gr**

Your contact persons are Chloe Koutouzou and Alexia Bouka.

- Hotel Reservation
- Excursions & Additional Travel Arrangements
- Contact details

Hotel Reservation ›

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Venue - Travel

Venue

The conference will take place at **Petros M. Nomikos Conference Centre** (**www.thera-conferences.gr**) located in the capital of Santorini, Fira, overlooking the caldera and the volcano.

The conference centre is a neoclassical mansion which has been transformed into a modern, operational Conference Centre, preserving its traditional character with its cellars, terraces, pots filled with flowers and parterres. It includes a main conference hall of 178 m^2 for maximum 200 participants, with particularly good acoustics and air-conditioning, a consultation room for private meetings with the capacity to sit approximately 20 people, room for workshops and poster presentations, registration area, secretarial and technical support facility, areas set aside for coffee breaks, receptions and social events, as well as all of the most modern optical-acoustic equipment meeting the highest standards.

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Local Information

The world famous island of Santorini (**http://www.santorini.gr**, **http://www.santorini.net**) is located to the south of the Cycladic island group in the Aegean Sea, 63 nautical miles north of Crete.

The main characteristics of the island which attract a high number of visitors each year are the following:

- Magnificent setting
- Bright and sunny weather
- Quality accommodation and services
- Delicious local cuisine and wine
- Exciting entertainment
- A rich history to explore, dating back to the Bronze Age

Apart from the traditional villages with view over the volcano and the volcano island itself, the visitor can walk around the ancient city at Akrotiri, which is not merely the most important archaeological site on the island, it is also, thanks to its excellent state of preservation and the wealth of finds it has yielded, the most important prehistoric settlement found anywhere in the Eastern Mediterranean. Akrotiri could be called the prehistoric Pompeii of the Aegean.

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CIVR 2009

ACM International Conference on Image and Video Retrieval 2009 (CIVR 2009)

Organized by :

Centre for Research and Technology Hellas - Informatics and Telematics Institute **(CERTH-ITI)**

University of Geneva **(Viper)**

8-10 July 2009 Island of Santorini, Greece.

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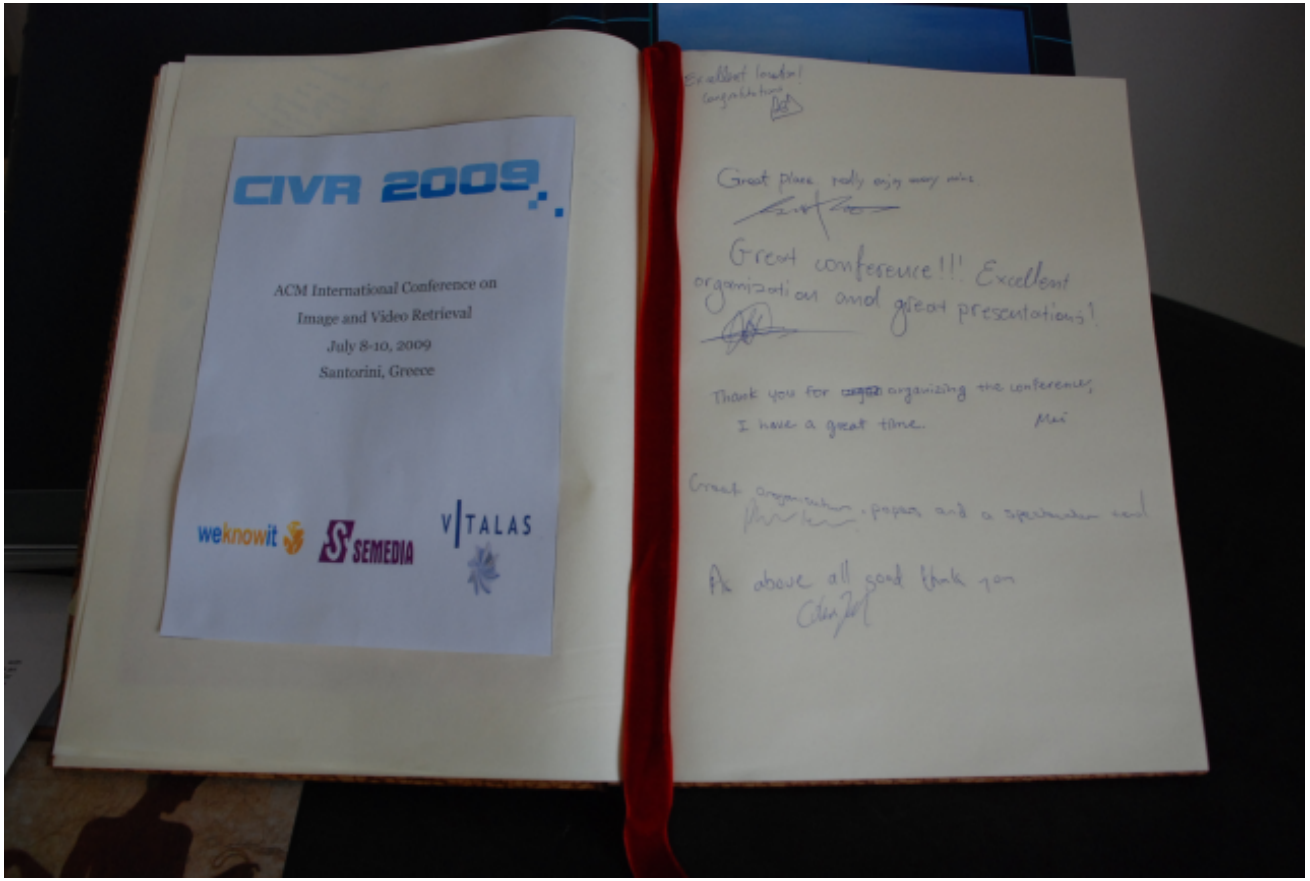

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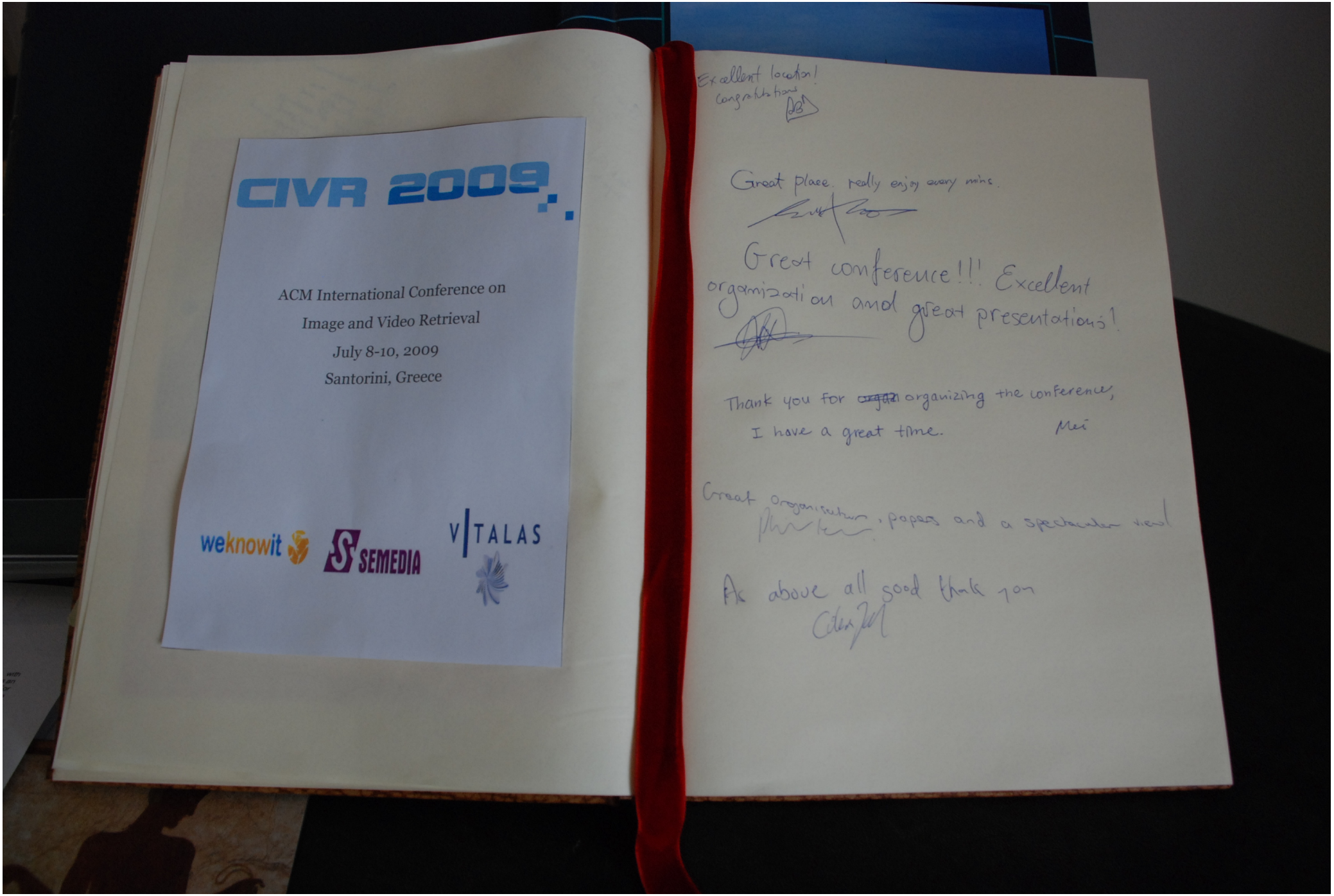
http://sigmm.utdallas.edu/archive/CIVR/civr09/files/DSC_0162.JPG



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CIVR2009

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Practitioner Day of the ACM International Conference on Image and Video Retrieval (CIVR) on Friday July 10, 2009.

Introduction

It has become a tradition that the final day of the CIVR is a practitioners day where the researchers are joined by practitioners and will meet peers from multimedia industry. Multimedia search systems, engines and services gained strong interest and support, not only from academia and industry, but also from (inter)national authorities supporting these initiatives. The practitioner day aims to bring together and provide participants from

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industry (content owners, producers, creators, archives, services, ..), policy makers, academic and industrial researchers with an overview about these areas. The practitioner day will present several already realized commercial solutions. Several presentations will sketch or share ideas about ``Research to Business'' road-maps or needs to commercially successful apply research results.

Program

[9:00-9:10] Opening - Dr Sébastien Marcel (Idiap Research Institute)

[9:10-10:10] Keynote - Chair: Sébastien Marcel

Mining the Web 2.0 for Improved Image Search - Dr Ricardo Baeza-Yates (Yahoo! Research Barcelona) [**Slides**]

[10:10-10:40] Coffee break

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[10:40-12:30] Oral Session - Chair: Sébastien Marcel

"Distributed Media on the Web"

- *Youtube - a look into the worlds largest video site* - Oliver Heckmann (Google Zurich)
- *Face recognition in the wild: large-scale computer vision for web applications* - Jan Erik Solem (Polar Rose) [Paper] [Slides]
- *Unlocking Value of audiovisual heritage* - Johan Oomen (Beeld En Geluid) [Online slides]
- *Challenges in product search and new developments at Like.com* - Baris Sumengen (Like.com, formerly Riya) [Slides]

[12:30-14:00] Lunch

[14:00-15:30] Oral Session - Chair: Roelof van Zwol

"Media in post-production and broadcasting"

- *Multi-Sensor Information Retrieval for*

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Lifestyle Applications - Hans van Gageldonk (Philips Research Laboratories) [Paper] [Slides]

- *Efficient film digitization and restoration: Making of the 20th century film archives accessible* - Jean-Pierre Gehrig (Cinetis) [Slides]
- *User scenarios and user requirements from media professionals* - Xavier Vives (Corporació Catalana de Mitjans Audiovisuals) [Paper] [Slides]

[15:30-15:40] Coffee break

[15:40-16:30] Demonstration sessions - Chair: Vasileios Mezaris

- *Google Portrait* (http://www.idiap.ch/googleportrait) - Sébastien Marcel (Idiap Research Institute)
- *VideoMap: an Interactive Video Retrieval System from MCG-ICT-CAS* - Juan Cao and Yong-Dong Zhang (ICT-CAS)
- *PatMedia* - Stefanos Vrochidis (CERTH-ITI)
- *VERGE* - Stefanos Vrochidis and Vasileios Mezaris (CERTH-ITI)
- *Video Active* - Johan Oomen (Beeld En

Geluid)

- *TubeTagger: A System that learns Concepts from YouTube* - Adrian Ulges (DFKI)
- *A technical demonstration of a web-scale landmark recognition engine* - Yan-Tao Zheng and Tat-Seng Chua (National University of Singapore)
- *Web-scale image search* - Matthijs Douze (INRIA)
- *Polar Rose collective tagging and sharing* - Jan Erik Solem (Polar Rose)
- *SMOOVEE Automatic Video Stabilizer* (http://www.smoovee.net/) - Jean-Pierre Gehrig (Cinetis)

[16:30-16:40] Closing - Dr Roelof van Zwol (Yahoo! Research Barcelona)

From left to right on the picture: Jean-Pierre Gehrig, Jan Erik Solem, Oliver Heckmann, Ricardo Baeza-Yates, Johan Oomen, Sébastien Marcel, Hans van Gageldonk, Roelof van Zwol, Yiannis Kompatsiaris and Stéphane Marchand-Maillet.

Keynote Speaker

Dr Ricardo Baeza-Yates - Yahoo! Research Barcelona (**http://research.yahoo.com**)

Ricardo Baeza-Yates is VP of Yahoo! Research for Europe and Latin America, leading the labs at Barcelona, Spain and Santiago, Chile. Until 2005 he was the director of the Center for Web Research at the Department of Computer Science of the Engineering School of the University of Chile;

and ICREA Professor at the Dept. of Technology of Univ. Pompeu Fabra in Barcelona, Spain. He is co-author of the book Modern Information Retrieval, published in 1999 by Addison-Wesley, as well as co-author of the 2nd edition of the Handbook of Algorithms and Data Structures, Addison-Wesley, 1991; and co-editor of Information Retrieval: Algorithms and Data Structures, Prentice-Hall, 1992, among more than 150 other publications. He has received the Organization of American States award for young researchers in exact sciences (1993) and with two Brazilian colleagues obtained the COMPAQ prize for the best CS Brazilian research article (1997). In 2003 he was the first computer scientist to be elected to the Chilean Academy of Sciences. During 2007 he was awarded the Graham Medalfor innovation in computing, given by the University of Waterloo to distinguished ex-alumni.

Mining the Web 2.0 for Improved Image Search

There are several semantic sources that can

be found in the Web that are either explicit, e. g. Wikipedia, or implicit, e.g. derived from Web usage data. Most of them are related to user generated content (UGC) or what is called today the Web 2.0. In this talk we show how to use these sources of evidence in Flickr, such as tags, visual annotations or clicks, which represent the the wisdom of crowds behind UGC, to improve image search. These results is the work of the multimedia retrieval team at Yahoo! Research Barcelona and is part of a larger effort to produce a virtuous data feedback circuit to leverage the Web itself.

Practitioners

Oliver Heckmann - Google Zurich (**http://www.google.com**)

Oliver Heckmann is an engineering manager at Google in Zurich/Switzerland. He is leading a 30 person Youtube development team working on projects like Youtube Video ID,

Youtube Insight, Youtube GData API, and Youtube monetization. Before joining Google, he was working as a research group head in multimedia communications at the Technical University of Darmstadt in Germany.

Youtube - a look into the worlds largest video site

Every minute, 15 hours of video content are uploaded to Youtube. This talk will give a look behind the scenes of Youtube in terms of the technical infrastructure used and lessons learned. This talk will not be focused on video retrieval.

Jan Erik Solem - Polar Rose (**http://www.polarrose.com**)

Jan Erik Solem currently works as CTO of Polar Rose and as associate professor at the Mathematical Imaging Group, Lund University, Sweden. He received his M.Sc. in Engineering Physics with focus on computer vision from Lund University in 2001. His PhD-thesis "Variational Problems and Level Set Methods

in Computer Vision - Theory and Applications", presented in 2006, received the award for "Best Nordic PhD-thesis in the field of image analysis and pattern recognition in the period 2005-2006" from the Nordic IAPR associations at SCIA 2007. His current research interests include face and object recognition, large-scale vision problems and optimization. Previous research topics include theory and applications of variational level set methods within segmentation, shape modeling and 3D reconstruction. He is the founder of tech startup Polar Rose, a company that works with face recognition for sorting, searching, and sharing digital photos on the web. Polar Rose received a number of awards like "Red Herring Global 100" in 2007 and "World Economic Forum Technology Pioneer" in 2008 for pioneering work on deploying computer vision in large-scale web applications.

Face recognition in the wild: large-scale computer vision for web applications

The first part of this talk will detail lessons learned in the building of Polar Rose, a

service that uses face recognition for sorting, searching, and sharing digital photos on the web. Successful solutions as well as developments that never made it into production will be discussed together with user reactions and behavior. The second part of the talk will describe the use of object specific descriptors to search large images sets for near-duplicates and derivative works. Focus will be on using descriptors for faces but the procedure can be applied to any object class as long as the descriptor is sufficiently strong. Finally, some future challenges in object recognition will be discussed

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Johan Oomen - Beeld En Geluid (**http://portal.beeldengeluid.nl**)

Johan Oomen (**http://www.linkedin.com/pub/dir/johan/oomen**) is managing the R&D department of the Netherlands Institute for Sound and Vision, part of the Images for the Future project project team. He has been appointed in this position in 2008, but has been working at Sound and Vision since 2000.

He is mainly working on externally funded R&D projects and managing the in-house deployment of Digital Asset Management technology.

Unlocking Value of audiovisual heritage

Audiovisual material is a vital component of our heritage, collective memory and identity – all our yesterdays. But in its current analogue format it is difficult to access. Unlike documents which may last for centuries or even millennia, audiovisual recording materials have a life expectancy best measured in decades. Digitization of analogue carries will ensure future access. Over the past years, technologies for large-scale migration have matured. The same is also true for thinking about migration projects in terms of their efficiency and the workflow models they could follow. Although the process is far from complete, approximately 10 million hours of European audiovisual material has already been digitized. Recently, the audiovisual production process shifted from analogue to digital. This so-called ‘born digital’ content is directly ingested in asset management

systems and will also be kept for posterity as electronic files. Due to digitization and digital production, audiovisual content collections are transforming from archives of analogue material into very large stores of digital data. Digitization is also a driver to establish new services. Distribution over networks, interoperability with other collections and flexible integration in other environments are just a few of many properties in this new era of enormous potential for audiovisual archives. Therefore, large-scale digitization efforts do not only ensure long-term access, but also have the potential to reveal the social and economic value of the collections. This presentation will focus on the latter: the types of services that can be created as a result of large-scale digitization efforts and the social and economical benefits they bring. Value creation is a key notion, as it determines the factors that legitimize (and determine the level of) investments by the government and funding programs. Two projects the Netherlands Institute for Sound and Vision is involved in will provide examples: (1) Video Active and (2) Images for the Future.

1. Video Active (www.videoactive.eu) provides free access to European television heritage. Within this three-year project, a large collection of television archive content from 14 archives is selected, digitized and made available through a freely accessible multilingual web portal. The project is funded by the European Community within the eContentplus programme.
2. Images for the Future is the largest digitization effort in Europe to date. A consortium of 6 partners (including three archives) is migrating a substantial part of the Dutch audiovisual heritage to a digital environment. The project has three objectives: [1] Safeguarding heritage for future generations. [2] Creating social- economical value: migrating large quantities of audio-visual material is a precondition to unlock the social and economic potential of the

collections. More professionals and individuals than ever before will be able to access material, and new services and businesses will be launched. [3] Innovation: by digitizing heritage on a massive scale, a completely new infrastructure will have to be built that can strengthen the knowledge economy of the future. Much is to be expected from recent developments in computer science, especially in the areas of data-mining, information retrieval and in the creation of new environments where content can be used.

Baris Sumengen - (Like.com, formerly Riya, **http://www.like.com**)

Baris received his BS degree from Bogazici University, Turkey in both electrical

engineering and mathematics in 1998. He received the MS degree in 2000 and the PhD degree in 2004 in electrical and computer engineering from University of California at Santa Barbara. From 2004 to 2006, he has been a postdoc at UC Santa Barbara Center for Bio-Image Informatics. Since 2006, he is with Like.com (formerly Riya), a style shopping engine that utilizes content-based image similarity in matching similar products. He has lead the visual search team in 2006-2007. Currently he is leading the search engine marketing team.

Challenges in product search and new developments at Like.com

In the past, there has been multiple efforts in utilizing content-based image retrieval technologies in commercial applications. Like.com attempted this by applying CBIR to product image search in 2006. Since then it became a company with 15 million dollar annual revenue run rate and it is growing. In addition to technological challenges, I will discuss business challenges we faced during the growth of Like.com. Commercial viability

has been the biggest challenge in CBIR startups. In our case, there has been disconnects between engineers and users in terms of tuning our technologies so that in the end user experience is improved and customers buy more products. In addition to product search, we just rolled out a new product we call "Likesense". Likesense is a CBIR-driven advertising platform targeting image page views on social networks such as Myspace and Facebook. Social networking sites have large amounts of image page views that they are not monetizing currently. We have started real world Likesense tests on Myspace network starting June 2009.

Xavier Vives - Corporació Catalana de Mitjans Audiovisuals (**http://www.ccma.cat**)

Xavier Vives, MBA and MEng, obtained his Master of Engineering in Electronics from La Salle Engineering School (URL) in 2000, soon after achieving two Bachelors of Engineering, one in Telecommunications and another one in Computer Science. He has received his

Master in Business Administration at ESADE Business school in 2009, and before received a Master Degree in Project Management in 2007 (UPC). He started his professional career at CCRTV in 1997 as an analyst/ programmer, while also working as an engineer at TVC, the National Television of Catalonia. Five years after, he tackled new challenges in the artificial vision field, working as the RTD Department Manager of Panlab, a company that develops technology for Bioscience. Later, in 2004, he joined Mier Communicaciones, a company devoted to the design, manufacture and installation of professional equipment for TV, Digital Radio and DTT broadcasting. He worked in this firm as the Production Manager of the Terrestrial Communications Division until 2007. Since then, he has been the project manager at CCMA that has leaded several co-funded RTD projects at ICT department. His main interests include analog and digital television, media technologies, audio and video processing, intelligent information management, social networking, human computer interaction, business administration and project

management.

User scenarios and user requirements from media professionals

This talk provides a brief summary of user requirements and scenarios in the media industry, and of how R+D collaborative projects have helped CCMA, the Catalan Public Broadcasting Corporation, improve their in-house developed media asset management. European and national co funded projects are valued as positive by industrial media companies as they give the possibility to get in contact with the latest state-of-the-art, to network with relevant European partners and, somehow, to be able to improve their existing technological products. However, the experience also shows that their "Research to Business" road-map is normally diffuse and hard to achieve. On one side, there exists a gap between commercial needs from industrial partners, and research centres and universities objectives and needs. Besides, what normally happens is that we all generally focus too much on invention but hardly manage the innovation, while this is a

really stimulating and profitable challenge we should also consider. The talk will also give a brief introduction of CCMA, the Catalan Broadcasting Corporation, and its own-developed Media Asset Management, named Digition. It also shows some considerations about the media sector where this Corporation competes. The most interesting parts, though, are the ones that explain some of the results of SEMEDIA, an FP6 project co-funded by the European Union. This project has shown an example of how the bridge between research and industry can be narrowed with a simple formula: letting user feedback guide technical research. The process of user requirements and scenarios gathering is explained, as well as some of the most relevant requirements from users of the Broadcast, Postproduction, and Social Web Scenarios. These requirements are general and wide enough to be considered whenever dealing with the development of a Multimedia search system, engine or service. They were discovered in SEMEDIA project thanks to a 12 month process that implied up to nearly 2.000 surveys. The paper ends explaining how

integration and testing of SEMEDIA technologies tasks were conducted, and the benefits that could be obtained from this effort.

Hans van Gageldonk - Philips Research Laboratories (**http://www.philips.com**)

Hans van Gageldonk is department head of the group Experience Processing in Philips Research. This group is allocated in the Lifestyle program of Philips Research. His research interests include body signal processing for lifestyle applications, video analysis and experience creation. Previously he has been a senior researcher in the area of embedded databases for consumer applications, as well as compiler design for embedded DSPs, all for Philips Research. In 1999 he worked for Philips Semiconductors / VLSI Technology in Sophia Antipolis, France, on compiler design for embedded DSPs. Hans holds an MSc degree in computer science (1994) and a PhD degree in energy-efficient asynchronous VLSI design (1998), both from Eindhoven University of Technology.

Multi-Sensor Information Retrieval for Lifestyle Applications

Information and content is becoming abundantly available. Audio, video, and pictures are instantly accessible and can be enjoyed on a multitude of connected devices. At the same time, it becomes harder for people to organize and retrieve the desired content at the right time and place.
On the other hand, there is a strong trend in society towards individualization and thus the need for personalization. In addition, people live ever busier lives, and wish to have relaxed quality time with their family and friends as compensation.
In the Lifestyle program in Philips Research we explore opportunities in this space between information and content on the one hand, and truly personalized applications on the other. In this presentation I will explain research results in making information easily accessible for end-consumers. Examples include automatic summarization of movies and home video, photo collections, as well as sports highlight detection. Then I will explain

new research directions in retrieving information of people and their environments (context), using body signals and interpretation of the context people are living in. I will show some initial results on the combination of this research, resulting in real-time applications where body and other signal information is used to enhance a media experience. Ultimate goals are two-fold: to immerse people in the (AV) experience on the one hand, and to help people actively relax themselves on the other hand.

Jean-Pierre Gehrig - Cinetis (**http://www.cinetis.ch**)

Jean-Pierre Gehrig, CEO and co-founder of Cinetis SA, is an electrical engineer with several year of experience in software development and in embedded system design. Jean-Pierre believes in simple, user friendly, systems and nicely written code. Jean-Pierre holds a B.Sc. in electrical engineering from the University of Applied Sciences in Sion, Switzerland.

Efficient film digitization and restoration: Making of the 20th century film archives accessible

During the 20th century, hundreds of millions of films have been shot around the globe by motion pictures enthusiasts. Today, only a few part of these films have been secured in a digital archival system. Our challenge is to convert the physical material in digital data to make it accessible. Cinetis developed an efficient approach to digitize, restore and preserve old films stocks. The process is highly automated and uses advanced image processing techniques such as motion tracking for automatic video stabilization, video segmentation and key frame identification for assisted color grading.

CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

Home

First Call for Special Session Proposals

ACM CIVR 2009

ACM International Conference on Image and Video Retrieval

July 8-10, 2009, Santorini Island, Greece

http://www.civr2009.org

Image and Video retrieval have now reached a state where successful techniques and applications start flourishing. The ACM International Conference on Image and Video Retrieval (ACM-CIVR) series of conferences is the ideal opportunity to present and encounter such developments. Originally set up to illuminate the state-of-the-art in image and video retrieval throughout the world, it is now a reference event in the field where

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researchers and practitioner exchange knowledge and ideas. CIVR2009 is seeking original high quality special sessions addressing innovative research in the broad field of image and video retrieval. We wish to highlight significant and emerging areas of the main problem of search and retrieval but also the equally important related issues of multimedia content management, user interaction and community-based management.

Example topics of interest include but are not limited to: social network information mining, unsupervised methods for data exploration, large scale issues for algorithms and data set generation.

Each special session will consist of 5 invited papers. The organizers' role is to attract the speakers and chair the session itself. Proposals will be evaluated based on the timeliness of the topic, relevance to CIVR, the degrees to which they will bring together key researchers in the area, introduce the area to the larger research community, further develop the area, and potentials to establish a

on July 8.

Poster size should be A0 portrait (841 × 1189 mm).

The **Practitioners Day** program is now available

The **program** is now available.

Twitter tag **#civr2009**

Registration is now open.

31/03/2009 Notifications have been sent.

Accommodation page opened.

We received 127 submissions this year and the review process took longer than we expected trying to ensure high quality review for all these submissions. We apologise for the delay.

Paper submission is now CLOSED

Paper submission deadline extended to February 8th.

Prof. Luis von Ahn (CMU) and **Prof. Luc van Gool** (ETHZ and Univ.

larger community around the area. Please note that all papers in the proposed session will undergo the same review process as regular papers. If after the reviewing process less than the necessary number of papers solicited for a special session are selected, the Special Session will be cancelled, and the solicited papers that passed review process will be presented within regular sessions of the conference.

The following information should be included in the proposal:

- Title of proposed session
- An introduction stating the importance of the topic and the rationale for the proposed session.
- Organizers (including brief bio and contact information)
- Short biography of the Special Session chair (s)
- List of potential submissions if available

Submission Procedure for Special Sessions

Those who are interested in organizing a

Leuven) are confirmed as invited speakers.

First Call for **Special Session Proposals** (Deadline: 8 Dec 2008)

Following the tradition of previous CIVR conferences, a **VideOlympics Showcase** will also take place in CIVR 2009.

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special session should submit a proposal adhering to the above requirements by email to Dr. Eric Bruno at eric.bruno[at]unige.ch and Dr. Allan Hanbury at hanbury[at]prip.tuwien.ac.at. All the papers in the special sessions should follow the same style as the regular CIVR papers.

Important Dates

- 8 December 2008 : Technical Special Sessions proposals Due
- 22 December 2008 : Notification of proposals acceptance
- 1 February 2009 : Paper Submission
- 15 March 2009 : Notification of acceptance
- 15 April 2009 : Submission of camera-ready papers

As for regular sessions, selected papers after resubmission and review will be published in a Special Issue of Springer, Multimedia Tools and Applications Journal.

ACM CIVR 2009

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CIVR2009 is seeking original high quality submissions addressing innovative research in the broad field of image and video retrieval. We wish to highlight significant contributions addressing the main problem of search and retrieval but also the equally important related issues of multimedia content management, user interaction and community-based management.

Topics of interest include but are not limited to:

- Content-based indexing, search and retrieval of images and video
- Image/video search and browsing on the Web
- Advanced descriptors and similarity metrics for audio and video
- Multimedia content analysis and understanding
- Semantic retrieval of images and video
- Learning and relevance feedback in image/video retrieval
- Query models, paradigms, and languages for image/video retrieval
- Human perception based image/video retrieval
- Studies of information-seeking behavior among image/video users
- Affective/Emotional interaction or interfaces for image/video retrieval
- HCI issues in image/video retrieval
- Evaluation of image and video retrieval systems
- High performance image/video indexing algorithms
- Database architectures for image/video retrieval
- Novel image data management systems and applications
- Community-based image and video management
- Retrieval from multimodal lifelogs
- Interaction with medical image databases
- Satellite imagery analysis/retrieval
- Image/Video summarization and visualization

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Conference Chairs:
Yiannis Kompatsiaris
ITI, Greece

Stephane Marchand-Maillet
Univ. of Geneva, Switzerland

Program Chairs:
Yannis Avrithis
NTUA, Greece

Noel O Connor
DCU, Ireland

Daniel Gatica-Perez
Idiap Research Institute, Switzerland

Tat-Seng Chua
National University of Singapore

Practitioner Chairs
Edward Chang
Google, China

Sébastien Marcel
Idiap Research Institute, Switzerland

Roelof van Zwol
Yahoo, Spain

Special Session Chair
Eric Bruno
Univ. of Geneva, Switzerland

Allan Hanbury,
Vienna Univ. of Technology, Austria

Publicity/Sponsor Chairs
Nicu Sebe
University of Amsterdam, Netherlands

Nozha Boujemaa
INRIA, France

Poster and Demo Chairs
Nikos Sarris
ATC, Greece

Vassilios Mezaris
ITI, Greece

Local Chair
Alexia Briassouli
ITI, Greece

Finance Chair
Maria Papadopoulou
ITI, Greece

Informatics and
Telematics Institute
Thessaloniki, Greece

UNIVERSITÉ DE GENÈVE
FACULTÉ DES SCIENCES

Invitation to tender for hosting of CIVR2010 conference

The CIVR Steering Committee invites interested parties to submit proposals to host and organize the *9th International Conference on Image and Video Retrieval, CIVR2010.*

The Challenge of Image Retrieval (CIR) series of conferences was originally established in 1998 to bridge the gap between researchers and practitioners with an interest in image retrieval. In 2002, the first CIVR was held in London from 18-19 July. The new aspects of CIVR were that it would be an international forum and that an equal focus would be on video retrieval. CIVR conferences combine high-quality submitted papers in all areas of image and video retrieval with invited presentations from recognized experts in the field.

CIVR2003 was held in Urbana-Champaign from 24-25 July 2003, CIVR2004 in Dublin from 21-23 July 2004, CIVR2005 in Singapore from 20-22 July 2005, CIVR2006 in Tempe, Arizona, from 13-15 July 2006, CIVR2007 in Amsterdam from 9-11 July 2007, CIVR2008 is due to be held at Niagara Falls, Canada, and CIVR2009 in Santorini, Greece. We hope to continue the tradition of hosting successive CIVR conferences in different continents, so expect CIVR2010 to be hosted outside of Europe.

Parties interested in hosting CIVR2010 are invited to submit proposals (20 pages or less) by ***Friday, 5 September 2008*** by email to the steering committee chair, Dr. Michael Lew, (mlew@liacs.nl).

The CIVR steering committee will evaluate all bids using the guidelines set out below. In addition, they will also assess proposers' interpretation of the *guiding principles and history* behind previous CIVR conferences. Anyone interested in bidding is welcome to make informal contact with the steering committee chair prior to the deadline date for proposals. The steering committee will aim to review proposals and make its decision within four weeks of the submission date. See press.liacs.nl/civr/cfo2010.html for additional details.

Guidelines for potential conference hosts

The CIVR conference series has always existed to bring together researchers and practitioners in the field of image and video retrieval. As with many conference series, we see it as important to ensure continuity of approach between successive conferences. It is essential to ensure that the conference includes sessions for presenting high-quality research papers and for sharing practitioner experience. Some connection with previous CIVR conferences is preferred.

The proceedings of previous conferences have been published in Springer-Verlag's *Lecture Notes in Computer Science* series or the *ACM Digital Library*, and it is expected that future CIVR conferences will continue this practice. The host organization is therefore expected to arrange for refereeing of all submitted papers to international standards, using CIVR's existing international programme committee as their primary source of referees, and to liase with Springer-Verlag or ACM over the publication of conference proceedings.

Timing and location

Traditionally, CIVR is held in mid to late July, after the end of the academic year - though it is important that the timing does not conflict with other major imaging, multimedia or information retrieval events such as ECCV, CVPR, ACM Multimedia or SIGIR.

The conference location should be relatively easily accessible for people attending from both Europe, Asia, and the USA. Good air, rail and road links are essential. The bid should include a short description of the locality and any remarkable or outstanding features that would make it particularly attractive for potential delegates.

Proposers should demonstrate that their host institution has appropriate conference facilities to be able to accommodate up to 150 delegates. Having coffee breaks in the same area as poster sessions is encouraged. A letter of support from the proposers' host institution should accompany the bid.

Accommodation and social events

Proposers should demonstrate that they have suitable accommodation for delegates (e.g. en-suite rooms in student halls and/or local hotels), for a meeting of two to three days' duration. The availability of low-cost accommodation for student delegates such as youth hostels or inexpensive student halls would also be an advantage.

While accompanying social events are not mandatory, it is expected that hosts will arrange a relatively formal Conference Dinner. Other types of activities such as drinks receptions (possibly externally sponsored) and sightseeing visits would also be appreciated.

Conference web site

Proposers are expected to organize and maintain a web site for the conference, at least providing links for paper submission, delegate registration, organizing, program, and steering committees, and the history of CIVR. See the CIVR2008 site as an example. The domain www.civr.org will be linked to the main conference site and it is encouraged to register the more specific civr2010 domain.

Budget preparation and costings

Proposers must produce a budget for the conference. Costs should be estimated on 100 attendees, inclusive of organizers and volunteer helpers. It is expected that the conference should break even as a minimum, and should preferably show a small surplus. The host organization is welcome to retain any surplus remaining after discharging all responsibilities to creditors, sponsors, and collaborators. Various projections of income and expenditure, with different price bands for members of any collaborating or sponsoring bodies (normally a 10% discount on the standard rate), non-members and student delegates, with corresponding break even points, should be provided. Registration fees for students should be kept as low as possible in order to encourage young researchers to participate. Incentives for early registration are advisable.

Previous CIVR conferences have been run with sponsorship from, or in collaboration with, a variety of organizations, typically national professional bodies from the host nation (see the CIVR2008 website for details of current sponsoring and collaborating bodies) or commercial organizations such as publishers, broadcasting and media companies. Currently, CIVR is being sponsored by the ACM and we encourage the organisers to continue this relationship. Profit- or loss-sharing arrangements need to be negotiated with each of these bodies. Please note that CIVR is not a legal entity, and as such cannot itself enter into any underwriting or profit-sharing agreements.

Checklist

Proposers should provide at least the following (20 pages or less in PDF)

* a copy of the first call for papers for the conference including dates (typically held in July). If your proposal is selected, the CFP will be distributed worldwide and will serve as a summary of the intended meeting.
* description of the highlights of the location and venue
* a draft of the organizing and program committees
* a draft programme for the conference
* a draft of the conference budget
* a schedule of activities
* plans for publicizing the conference

Typically, publicity via paper & poster CFPs at major conferences and through email lists would be expected as a minimum

Michael Lew
CIVR Steering Committee Chair
Spring 2008

CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

Home

Invited Speakers

Prof. Luis von Ahn (CMU)

Title: Human Computation

Abstract: This talk is about harnessing human time and energy to address problems that computers cannot yet solve. Although computers have advanced dramatically in many respects over the last 50 years, they still do not possess the basic conceptual intelligence or perceptual capabilities that most humans take for granted. By leveraging human skills and abilities in a novel way, I want to solve large-scale computational problems and collect training data to teach computers many of the basic human talents. To this end, I treat human brains as processors in a distributed system,

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each performing a small part of a massive computation. Unlike computerprocessors, however, humans require an incentive in order to become part ofa collective computation. Among other things, I show how to use online games as a means to encourage participation in the process.

Prof. Luc Van Gool (ETHZ and Univ. Leuven)

Title: Mining from large image sets

Abstract: In this talk two recent applications of image mining will be discussed.The first deals with the automated collection of images of landmarks,which are then also automatically annotated and enriched with Wikipediainformation. The target application is that users photograph landmarkswith their mobile phones or PDAs, and automatically get informationabout them. The object of interest can also be automatically delineatedin the images. The entire mining of images and

on July 8.

Poster size should be A0 portrait (841 × 1189 mm).

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The **program** is now available.

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Prof. Luis von Ahn (CMU) and **Prof. Luc van Gool** (ETHZ and Univ.

information is fullyautomatic. It actually retrieves more images than manual keyword inputwould produce.

A second application deals with webcams, that produce image data over prolonged periods of time. The proposed method automatically picks up rare events in such streams, which can run over months or years.

Leuven) are confirmed as invited speakers.

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Informatics and Telematics Institute / Centre for Research and Technology Hellas

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Registration Form

Please fill in this form in capitals and fax to +30 2310 474128 or scan & email to marpap@iti.gr

Title:…… Last Name:……

First Name: ……

Position:……

Affiliation:……

Address:……

City: …… Country:……

Postal Code …… Phone:……

Fax: …… Email:……

Paper numbers (for authors of accepted papers):……

Payment	**Early** [2, 6] **registration**	**Late** [3] **registration**	**Amount due (EUROS)**
Registration Member [1, 4]	**460,00 €**	**560,00 €**	
Registration Regular [4]	**520,00 €**	**630,00 €**	
Registration Student [4, 5]	**360,00 €**	**450,00 €**	

[1] For members of ACM/IEEE; please enter organization & member number: ……
[2] Payment by credit card or bank transfer (payment to be received by May 15, 2009)
[3] Payment by credit card or bank transfer (payment to be received by June 26, 2009). Payment on site ("Late registration" rates apply) will be possible in cash only.
[4] The registration fee covers the participation to the conference, an electronic copy of the proceedings, the coffee breaks, the conference welcome reception and the conference social dinner.
[5] Proof of student status will be required to be shown on site.
[6] At least one author of each accepted paper must register at a non-student rate by April 30, 2009.

☐ **Payment by bank transfer**. Use the account indicated below; fax a copy of the transfer receipt along with this form. (*Bank transfer expenses burden the attendee*)

IBAN: GR860 26033 60000 78020 0458429 SWIFT: EFGBGRAAXXX

ACCOUNT HOLDER: EKETA REF.CODE: Registration CIVR2009 - your name

☐ **Payment by credit card**. I hereby authorize you to charge my credit card with the amount indicated below:

☐ Master Card ☐ Visa Card Amount:……EUROS

Credit card No.: …… Expiry Date:……

CVC Number: …… Cardholder's Name:……

Cardholder's Address: …… Cardholder's Signature:……

Date: ……Signature: ……

CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

Hotel Reservation

For information on the hotels offered, please check the following hotel pages.

Register simply by filling in the registration form at the bottom of each page for each accommodation.

When submitting your registration you will receive a preliminary confirmation mail within 24 hours from the help desk.

The help desk will inform you on your hotel's deposit terms in order to proceed with your booking.

Santorini Hotels

- Aressana

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- Dream Island
- Ersi Villas
- Ira
- King Thiras
- Melina
- Nomikos Villas
- Reverie
- The Majestic
- Villa Renos
- Volcano View Hotel & Villas

‹ Accommodationup Aressana ›

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CIVR2009

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Excursions & Additional Travel Arrangements

Booking an excursion

Register simply by writing down the service you would like at the comments when registering for a hotel in Santorini.

When submitting your registration you will receive a preliminary confirmation mail within 24 hours from the help desk.

The help desk will inform you on your excursion's deposit terms in order to proceed with your booking.

Additional travel arrangements

We offer accommodation in Athens too, as well as excursions based from Athens. The booking procedure is similar as for the accommodation and excursions on Santorini.

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Poster size should be A0 portrait (841

preliminary confirmation mail within 24 hours from the help desk.

The help desk will inform you on your accommodation or excursion deposit terms in order to proceed with your booking. If required, we can arrange all your travel arrangements to and from Santorini.

Please contact us for more travel & tourist information at: **events@nostus.gr** or +30 210 8956518

- Santorini Excursions
- Athens Excursions
- Athens hotels

‹ Volcano View Hotel & Villasup Santorini Excursions ›

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× 1189 mm).

The **Practitioners Day** program is now available

The **program** is now available.

Twitter tag **#civr2009**

Registration is now open.

31/03/2009 Notifications have been sent.

Accommodation page opened.

We received 127 submissions this year and the review process took longer than we expected trying to ensure high quality review for all these submissions. We apologise for the delay.

Paper submission is now CLOSED

Paper submission deadline extended to February 8th.

Prof. Luis von Ahn (CMU) and **Prof. Luc van Gool** (ETHZ and Univ. Leuven) are confirmed as invited speakers.

First Call for **Special Session Proposals** (Deadline: 8 Dec 2008)

Following the tradition of previous CIVR conferences, a **VideOlympics Showcase** will also take place in CIVR 2009.

Selected papers after resubmission and review will be published in a Special Issue of Springer, **Multimedia Tools and Applications Journal**.

CIVR will take place right after the 16th International Conference on Digital Signal Processing (DSP 2009, **http://www.dsp2009.org**), the most longstanding conference in the area of DSP, which will take place in 5-7 July 2009.

CIVR2009

ACM International Conference on Image and Video Retrieval, July 8-10, 2009

Contact details

'Nostus Communications & Events'

Contact Details

Please contact us for a total travel solution.

We guarantee an excellent cooperation and a perfect time when in Greece!

Nostus Communications & Events

Alyos 4,

166 73 Voula

Tel. 210 895 6518

Fax 210 895 1844

events@nostus.gr

www.nostus.gr

‹ The Margiup

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News

CIVR 2010 takes place in July 5-7, 2010, in Xi'an, China

CIVR 2009 at **ACM SIGMM Records**

The **CIVR 2009** proceedings are now available from the **ACM Digital Library**

The CIVR 2009 proceedings have been processed and will be uploaded into the ACM DL after some last copyright issues are solved.

Flickr group for uploading your photos is **CIVR2009**

The best paper of CIVR 2009 is: "Jasper Uijlings, Arnold Smeulders and Remko Scha, Real-time Bag of Words, Approximately"

The registration desk will open at 8am

on July 8.

Poster size should be A0 portrait (841 × 1189 mm).

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