



Liaison and Dissemination Activity report D8.3

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ABSTRACT:

This deliverable presents achievements by the project in dissemination of the results and in liaison with other related national and EU-funded initiatives. It covers the first half of the project, from January 2007 to June 2008.

KEYWORD LIST: Liaison, dissemination, interaction

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1. Introduction

The main objective of the workpackage “Dissemination” is to plan, organize, perform and control the dissemination of project results.

The Work package Dissemination previously produced 3 deliverables describing the *Web site implementation*, the *Preliminary Dissemination Plan*, and the *First VITALAS Dissemination Conference*. In the current document, we shortly summarize the achievements and provide an update of information.

The document reports, in section 2, the material produced and actions undertaken to distribute results to various audiences, as well as the establishment of cooperation and liaisons with other projects and initiatives from the 6th Framework Programme.

2. Project achievements during the first 18 months

2.1 Project Website evolution

The VITALAS web site is regularly updated. Obviously with news related to dissemination activities, such as presentations and publications, but a new section appears to present VITALAS showcases.

The first link is a video of VITALAS prototype V1, presented to the European Commission during the first review meeting in March 2008.

The screenshot shows the VITALAS website interface. At the top, the VITALAS logo is displayed with the tagline "Video & image Indexing and reTRIEVAL in the LARge Scale". A search bar is located in the top right corner. The page is dated Thursday, 27 March 2008. The main content area is divided into a left sidebar and a main news section. The sidebar contains navigation links such as "Home", "Consortium Management", "Id Card", "Project overview", "Related Information", "News", "Related Conferences", "Publications", "Dissemination Material", and "Press Release". The main news section features several articles, including "VITALAS Internal Awareness Workshop", "MCVC'08 Cannes (MUSCLE Conference joint with VITALAS Conference)", and "AFP (Agence France-Presse) will join VITALAS project". A "VIDELECTURES.net" logo is also visible in the news section.

VITALAS home page: <http://vitalas.ercim.org>

2.2 Project Publications

During the first 18 months of the project, several papers have been accepted in related conferences and workshops. The list of publications is presented below:

IEEE Transactions on Circuits and Systems for Video Technology, 17(3):365–371, March 2007. *Special Issue on the convergence of knowledge engineering, semantics and signal processing in audiovisual information retrieval*

F.M.G. de Jong, T Westerveld and A.P. de Vries, **Multimedia Search without Visual Analysis: The Value of Linguistic and Contextual Information.**

In Multimedia Retrieval, Springer Verlag, 2007

T. Westerveld, A. de Vries, F.M.G. de Jong, **Generative Probabilistic Models.**

Accepted as a poster in ICME 2007 (2007 International Conference on Multimedia and Expo, July 2-5 2007, Beijing, China)

H Goeau, J.Thièvre, M-L Viaud, D. Pellerin, **Interactive visualization tool with graphic table of video contents,**

In Proceedings of the 6th ACM international Conference on Image and Video Retrieval (Amsterdam, the Netherlands, July 09 - 11, 2007)

A Joly, **New local descriptors based on dissociated dipoles**

A Rebai, A Joly, N Boujemaa, **Interpretability Based Interest Points Detection**

CIVR'07 July 9-11 2007, Amsterdam, the Netherlands

N Hervé, N Boujemaa, **Image annotation: which approach for realistic databases?**

Recent Advances in Natural Language Processing (RANLP), pp. 624-630, Sept. 27-29, 2007, Borovets, Bulgaria

J Vilares, M.P. Oakes, M Vilares, **A Knowledge-Light Approach to Query Translation in Cross Language Information Retrieval**

In ACM International Conference on Image and Video Retrieval (CIVR), July 7-9, 2008, Canada (to appear)

M-L Viaud, J Thievre, H Goëau, A Saulnier, O Buisson, **Interactive Components for Visuals Exploration of Multimedia Archives**

In SIGIR Forum, 42(1), June 2008

T Tsikrika, T Westerveld, **Multimedia Retrieval at INEX 2007**

In Focused access to XML documents, Proceedings of the 6th International Workshop of the Initiative for the Evaluation of XML Retrieval (INEX 2007), Revised and Selected papers. Springer, 2008 (to appear)

T Tsikrika, T Westerveld. **The INEX 2007 Multimedia Track.**

In Focused access to XML documents, Proceedings of the 6th International Workshop of the Initiative for the Evaluation of XML Retrieval (INEX 2007), Revised and Selected papers. Springer, 2008 (to appear)

T Tsikrika, P Serdyukov, H Rode, T Westerveld, R Aly, D Hiemstra and A.P. de Vries. **Structured Document Retrieval, Multimedia Retrieval, and Entity Ranking Using PF/Tijah.**

In *Proceedings of the International Conference on Image and Video Retrieval (CIVR 2008)*
R Aly, D Hiemstra, A.P. de Vries, F.M.G. de Jong. **A Probabilistic Ranking Framework using Unobservable Binary Events for Video Search.**

Poster Presentation at the "Future Directions in Multimedia Knowledge Management" workshop at the Knowledge Media Institute of the Open University, Milton Keynes, England, 14th Feb., 2008.

M Oakes and V Lin, **Work at Sunderland on the VITALAS Project**

In Proceedings of the 2008 International Workshop on Content-based Multimedia Indexing (CBMI 2008), pp. 381-387

G Ke, M Oakes, M Palomino and Y Xu, **A comparison between SVM Light, a search engine-based approach and the MediaMill baselines for assigning concepts to video shot annotations**

2.3 Demonstration of Project results

VITALAS has contributed to the development of the Open-source Multimedia Information Processing Platform WebLab (<http://www.weblab-project.org>), which is a platform aiming at providing intelligence (business, strategic, military...) solutions and any other applications that need to process multimedia data (text, image, audio and video).

VITALAS uses the WebLab as a baseline to integrate its heterogeneous components and the first version of VITALAS prototype has been delivered in February 2008.

A video presenting the first results of cross media indexing and retrieval VITALAS prototype is available on VITALAS web site (<http://vitalas.ercim.org/content/view/21/25/>) and shows an example of search which may be performed by combining cross modal queries:

Full text query "championship" initializes a set of results. The query is first refined with visual concept "car". Visual concepts correspond to automatically generated annotations through VITALAS functionalities. Then, the results are filtered with the textual concept "belgian", in order to retrieve images relative to the belgian competitor in the car championship. Moreover, pictures of the front view of the car are retrieved by combining results with visual similarities search.

2.4 Press releases

Dissemination on the project's research fields and project's results has been done through different press releases, listed below:

(April 2007) An article has been published in French "web newspaper": *Neteco*: « Vitalas : un nouveau concurrent européen pour Quaero » (Nozha Boujemma, INRIA, Scientific coordinator) <http://www.neteco.com/72329-vitalas-concurrent-europeen-quaero.html>

(April 2007) A reference to VITALAS project has been included in an article (in French) related to CHORUS project in the *Journal du Net*: « Chorus a pour vocation la mise en commun de l'expertise européenne sur les moteurs de recherche » (Nozha Boujemma, INRIA,

Scientific coordinator) <http://www.journaldunet.com/solutions/chat/retrans/070419-nozha-boujemaa-inria-chorus.shtml>

(June 2007) A reference to VITALAS project has been included in Robotiker's electronic magazine. <http://revista.robotiker.com/revista/noticia.do?method=detalle&numero=130&id=4>

(October 2007) An article has been published in French “web newspaper”: *LesEchos.fr*: «L'AFP rejoint Vitalas, le projet de moteur de recherche européen» (Nozha Boujemaa, INRIA, Scientific coordinator) <http://www.lesechos.fr/info/innovation/4637607.htm>

(May 2008) VITALAS project has been selected as one of the projects to include in the Diffusion Plan of Robotiker-INFOTECH Unit. As a consequence an article about the project has started to be produced. This article will be published in Robotiker's electronic magazine (probably in Oct.08) and will be sent to some technical magazines and communications media.

2.5 Related Conferences and Workshops

First VITALAS Dissemination Conference

The first VITALAS Dissemination conference took place, jointly with MUSCLE NoE final conference, in Cannes on 11-12 February 2008. The conference clustered members of communities in the field of Multimedia Understanding through Semantics, Computation and Machine Learning.

INA, EADS and Fraunhofer IAIS presented part of their research activities within the project. International researchers from different scientific disciplines participated in the VITALAS Conference and engaged interesting and fruitful discussions with the VITALAS project partners. Based on positive feedback from the participants and the number of visitors who viewed the video presentations after the event, we may consider the VITALAS conference a success. The next VITALAS Conference is planned for February 2009.

The lectures have been recorded and are available on VITALAS web site, as well as the abstracts presented in the public deliverable D8.2.1 *First VITALAS Dissemination Conference*


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MCVC '08 - Cannes



MUSCLE Conference joint with VITALAS Conference

Description

The Conference is open to the scientific community at large, including the whole Muscle Community, the European Commission, as well as all EU funded projects. This event will be an opportunity for MUSCLE NoE to highlight and demonstrate to all, the major results achieved by the members of its community in the field of Multimedia Understanding through Semantics, Computation and Machine Learning. The MUSCLE scientific conference will be co-chaired by Nozha Boujemaa and Eric Pauwels. In addition to the keynote talks, this event includes MUSCLE e-Team presentations and showcase demonstrations as well as presentations from other EU-funded projects.

Introduction



Introduction to the Conference
Nozha Boujemaa

Lectures



Automated Character Annotation in Multimedia
Andrew Zisserman



Shape modelling via higher-order active contours and phase fields
Ian Jermy



A contrario matching of local features between images
Yann Gousseau



Recognising Animals
Allan Hanbury



[syn] 59 views, 00:30:30



[syn] 44 views, 00:30:40



[syn] 25 views, 00:27:31



[syn] 42 views, 00:16:15

First VITALAS Awareness Workshop

The VITALAS project has organized an internal Awareness Workshop on 21 February 2008 at IRT premises, Munich, Germany.

The objective was to invite users from IRT, INA, Belga and AFP, as well as their "close user community" to discover the VITALAS functionalities/objectives. The audience was staff from IRT's associates (editors, journalists, annotators, and archivists), archivists from INA, picture editors and sales managers from Belga and their shareholders and at last press employees from AFP.

VITALAS participants were C. Dosch (IRT), T. Wuytack (Belga), P. Altendorf (IRT), M.L. Viaud (INA), J. Geurts (INRIA).

Feedbacks from this workshop have been presented in a public deliverable *D9.2 First Internal Training Workshop Report*, available on VITALAS web site.

Moreover the participants will be asked to give their feedback through a questionnaire, which will also allow the definition of success criteria for VITALAS.

First Awareness Workshop Agenda

Participants: users from IRT, INA, Belga and AFP, as well as their "close user community"

Date: February 21, 2008

Location: Institut fuer Rundfunktechnik GmbH (IRT), Floriansmühlstrasse 60, 80939 Munich, Germany.

10h30: welcome (Christoph Dosch, IRT)

- welcome word + introduction agenda

10h45: challenges, context and objectives (Christoph Dosch, IRT)

- what's the general context of new multimedia search engines? What are the objectives for both picture, video, audio search and annotation? How does VITALAS fit in?

11h15: the not so far future of picture search and annotation (Tom Wuytack, Belga)

- examples and demo's of current technologies/evolutions on picture search and annotation and how VITALAS will address these

12h00: lunch

13h15: next generation multimedia search engines (Peter Altendorf, IRT)

- examples and demo's of current technologies/evolutions on audio-/video search and - annotation and how VITALAS will address these

14h15: will technology follow? (Bruno Grilhères, EADS)

- a userfriendly overview of general architecture, state of the art techniques on integration and applicability within existing environments

14h30: coffee break

14h45: next steps and perspective (Marie-Luce Viaud, INA)

- planning of VITALAS, what users can expect and when

15h15: discussion

16h00: end of workshop

Other Dissemination events attended by members of the consortium

No	Dates	Location	Event	Participants
1	24/01/2007	Luxembourg	Chorus event: Multimedia Indexing & Retrieval,	N. Boujemaa (INRIA)
2	13-14/03/2007	Paris-Rocquencourt, France	Chorus workshop, Talk: INEX MM: Multimedia search in structured collections. Keynote speaker: 'picture search challenges'	N. Boujemaa, A. Joly, J. Geurts, N. Hervé, A. Verroust (INRIA) T. Westerveld (CWI) T. Wuytack (Belga)
3	26-27/03/2007	Brighton, U.K.	Semantic Image Retrieval: The User Perspective.	(UoS)
4	28-29/03/2007	Leuven, Belgium	DIR 2007 (Dutch-Belgian Information Retrieval Workshop),	A. P. de Vries and T. Westerveld (CWI)
5	2-5/04/ 2007	Rome, Italy	ECIR 2007 (European Conference on Information Retrieval Research),	A. P. de Vries and T. Tsirikika (CWI), (UoS)
6	2-5/07/2007	Beijing, China	ICME 2007 (International Conference on Multimedia and Expo),	H Goeau (INA)
7	7-11/07/2007	Amsterdam, The Netherlands	CIVR 2007 (Conference on Image and Video Retrieval),	A. Joly, N. Hervé, N. Boujemaa (INRIA)
8	9-14/07/2007	Sicilia	International Computer Vision Summer School 2007- Detection, Recognition and Segmentation in Context,	A. I. Andreu (Robotiker)
9	23-27/07/2007	Amsterdam, The Netherlands	ACM SIGIR 2007	A. P. de Vries - general chair. T. Westerveld and T. Tsirikika (CWI), G. Dupont (EADS), D. Schneider (FhG)
10	27-31/08/2007	Glasgow, Scotland	6th European Summer School in Information Retrieval (ESSIR 2007) on Enterprise Search.	A. P. de Vries (CWI) - lecturer
11	3-7/09/2007	Bozen-Bolzano, Italy	EDBT summer school.	A. P. de Vries - lecture on multimedia information retrieval
12	29/09/2007	Borovets, Bulgaria	RANLP'07 (Recent Advances in Natural Language Processing Conference)	M. Oakes (UoS)
13	17-18/10/2007		EBU (European Broadcasting Union) Study Group P/SCAIE	B. Schröter (IRT)
14	13-14/11/2007	Brussels, Belgium	NAVS Fall 2007 Concertation Meeting,	N. Boujemaa (INRIA), K. Marache (ERCIM)
15	21-22/11/2007	Munich, Germany	CHORUS Workshop on Metadata in Audio-visual/Multimedia Productions and Archiving,	N. Boujemaa (INRIA), B. Schröter and P. Altendorf (IRT)

16	23-24/01/2008	Munich, Germany	2 nd meeting EBU (European Broadcasting Union) Study Group P/SCAIE	B. Schröter and P. Altendorf (IRT)
17	11-12/02/2008	Cannes, France	MCVC'08 – MUSCLE Conference jointly with VITALAS Conference	N. Boujemaa (INRIA), K. Marache (ERCIM), H. Goëau (INA), A. Joly (INRIA), G. Dupont (EADS), D. Schneider (FhG)
18	14/02/2008	Milton Keynes, England	Future Directions in Multimedia Knowledge Management“ workshop at the knowledge Media Institute of the Open University	M. Oakes (UoS)
19	21/02/2008	Munich, Germany	VITALAS Awareness workshop	
20	3-14/03/2008	Australia	Machine learning Summer School	A. Rebai (INRIA)
21	9-14/03/2008	Dagstuhl, Germany	Ranked XML Querying	A. P. de Vries (CWI)
22	4-5/04/2008	Andorra	The Future of Web Search – Chorus Workshop	A. de Vries (CWI), N. Boujemaa (INRIA), J. Geurts (INRIA)
23	14-16/04/2008	Algarve, Portugal	Chorus session on Multimedia retrieval (International Symposium on Consumer Electronics)	N. Boujemaa (INRIA)
24	15-16/05/2008	Vienna, Austria	Workshop on Persisting, Indexing and Querying Multi-Paradigm Text Models Invited Talk: Information Retrieval and the MonetDB software family	A. P. de Vries (CWI)
25	26/05/2008	Spain	Workshop: How to create successful web sites, web usability in practice.	C. Martinez / I. Etxaniz (Robotiker)
26	24-25/06/2008	Segovia, Spain	TrebleCLEF Workshop on Best Practices for the Development of Multilingual Information Access Systems: The User Perspective	D. Teyssou (AFP)
27	27/06/2008	Enschede, The Netherlands	SIKS/Yahoo Seminar on Searching and Ranking in Structured Text Repositories	A. P. de Vries, Henning Rode (CWI)

2.6 Project Dissemination Material

ERCIM took the opportunity of this 1st conference to improve the VITALAS poster, assigning a communication agency. The result is of a great quality and the 60x80cm posters have been distributed to each partner for dissemination at a local level.

VITALAS

Video & image Indexing and reTRieVAI in the LARge Scale

New Generation of Multimedia Search Engine

- Cross-media indexing and retrieval
- Large scale search techniques
- Visualisation and context adaptation

Funded by DG INFOS, European Commission
 Instrument: Integrated Project
 Project Identifier: FP6-045369
 Start-End dates: 01/01/07-31/12/09
 Total Budget: € 9 178 178
 European Commission Funding: € 4 690 000

<http://vitalas.ercim.org>

2.7 Liaison and Cluster Activities

Effort has been concentrated on the liaison with other initiatives, in order to enhance the dissemination impact of VITALAS research activities. VITALAS project attended different events in the framework of the “AV search engine cluster” of CHORUS European Coordination Action, notably during

- The Chorus National Initiatives Event, held in Geneva on 10 October 2007
- The NAVS Fall 2007 Concertation meeting, held in Brussels on 13-14 November 2007
- The 1st FP7 Networked Media Concertation Meeting in AV search engine cluster meeting, held in Vilamoura, Portugal, on 16 April 2008

3. Next steps and Conclusion

During the first 18 months of the project, the consortium members have been involved in several dissemination activities that promote the innovating research fields performed in the project.

These steps will be continued during the second half of the project runtime. In particular:

VITALAS project expects to be present in two major events in the Multimedia area before the end of the year:

- ICT'08 (http://ec.europa.eu/information_society/events/ict/2008/index_en.htm)
- NEM Summit 2008 (www.nem-summit.eu): Networked and Electronic Media - European Technology Platform,

where we plan to give a demonstration of VITALAS prototype. The exhibition booth could be shared with other EU- FP6 funded projects, for instance with RUSHES project at NEM Summit.

Partners of the consortium will intensify their collaboration in order to submit joint publications.

Regarding new dissemination material, a scientific-oriented brochure is expected to be printed beginning October 2008, to be distributed during major events in the field.