



SEARCHING DATABASE DIGITAL VIDEO
AUDIO-VISUAL SEARCH

Programme

METADATA IN AUDIO-VISUAL/MULTIMEDIA PRODUCTIONS AND ARCHIVING

(WITH SPECIAL EMPHASIS ON ANNOTATIONS AND METADATA MODELS)

A CHORUS¹ Workshop with support from EBU and IRT

Munich, IRT, 21st - 22nd November 2007

Motivation for calling this workshop:

Numerous EU and national research projects are working on the automatic or semi-automatic generation of descriptive and functional metadata derived from analysing audio-visual content. The owners of AV archives and production facilities are eagerly awaiting such methods which would help them to better exploit their assets.

Hand in hand with the digitization of analogue archives and the archiving of digital AV material, metadata should be generated on an as high semantic level as possible, preferably fully automatically. All users of metadata rely on a certain metadata model. All AV/multimedia search engines, developed or under current development, would have to respect some compatibility or compliance with the metadata models in use. ***The purpose of this workshop is to draw attention to the specific problem of metadata models in the context of (semi)-automatic multimedia search.***

Detailed programme following (subject to alterations).

Posters and/or small demos may be placed on both days.

¹ The main objective of the project CHORUS is to assist the Commission in providing the tools to integrate the various projects that are running within Call 6 under objective 2.6.3 (Search engines for Audio-Visual Content) into a vision consistent with the initiatives started on similar topics, either at national levels or within the industry, (ref. www.ist-chorus.org).

Day 1: Wednesday, 21 November 2007 (a.m.)

09:00	Reception/Registration of Participants	IRT Lobby - Coffee
10:30	Welcome of Participants	Dr. Klaus Illgner-Fehns, Director IRT Christoph Dosch, IRT
10:45	Session 1: Research Issues	Session Chair: Prof. Nozha Boujemaa, INRIA
	Invited Speech: State-of-the-art in automatic/semi-automatic Generation of Metadata (<i>Overview to set the scene</i>)	Prof. Nozha Boujemaa, INRIA
	MPEG-7 Metadata Interoperability and the Semantic Web	Dr. Yiannis Kompatsiaris, ITI
	Project LIVE – Novel Content Production Methods and intelligent Tools for interactive Digital Broadcasters	Tobias Buerger and Georg Guentner, Salzburg Research, Felix Zielke, Fraunhofer IAIS
	Experiences based on Projects IP-RACINE, K-Space & PrestoSpace - Interoperability of Multimedia Metadata - from Digital Cinema to Cultural Heritage	Werner Bailer, JOANNEUM RESEARCH
	Project PHAROS – Metadata Exchange Protocol between Content Providers and Search Engine Platforms	Michel Plu, France Télécom / Orange
	Project IST- DIVAS – Direct Feature Extraction and Search from the Compressed Domain	Holger Grossmann, Fraunhofer IDMT
	Project MESH – How to exploit spoken Audio as Source for the automatic Generation of semantic Metadata for Video	Franciska de Jong, University Twente
	Project TRIPOD	Mark Sanderson, University of Sheffield
12:50	Lunch	IRT Lobby

Day 1: Wednesday, 21 November 2007 (p.m.)

14:10	Session 2: Applications²	Session Chair: Dr. Ingo Hoentsch, IRT
	Overview on Metadata Systems in the Audiovisual Domain	Jean-Pierre Evain, EBU (Secretary of EBU Project Group P/MAG - Metadata Advisory Group)
	Metadata Models in the Audiovisual Domain	Giorgio Dimino, RAI Research Centre (Member of EU Project PrestoSpace)
	Evaluation of Automatic Information Extraction Tools for Broadcast Production	Alberto Messina, RAI Radiotelevisione Italia (Chairman of EBU Project Group P/SCAIE)
15:50	Coffee Break	IRT Lobby
16:10	Need for Structured Metadata in Television Production and Archiving	Andreas Ebner, IRT (Co-Chairman of EBU Project Group P/MAG)
	Controlled Metadata Flow for the Acquisition of AV Content – Conversion between Metadata Models (Wrapping)	Reinhard Knoer, IRT (Member of the EBU Production Management Committee and Chairman of the EBU Project Group P/CP on Common Processes)
	BMF – the future Broadcast Media exchange Format? - BMF – the Concept and Class Models - BMF – the universal Interface for Metadata - Metadata (BMF) in MXF	Andreas Ebner, Rico Zimmermann, Dr. Ingo Hoentsch, IRT (German Chair SMPTE)
	Ingest of Metadata in Tape-less Production A Concept for ARD and ZDF	Lothar Basche, Hessischer Rundfunk - presented by Andreas Ebner, IRT -
18:00	End of 2nd Session afterwards Get-together (Cocktail)	IRT Lobby

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predominantly in the domain of broadcasters and media houses

Day 2: Thursday, 22 November 2007

	Arrival of Participants	IRT Lobby
09:30	Introduction to Day 2	Christoph Dosch, IRT
09:40	Session 3: Industrial Developments	Session Chair: Stefan Schindler, Silex Media
	Semantic Metadata for Collaborative Production	Steny Solitude (Co-founder, Associate and CTO of SkemA)
	Advanced Metadata Management System Compatible with TVAnytime	Colin Moorcraft, onTV Europe
	Metadata Management	John Foster, Silex Media
10:50	Coffee Break	IRT Lobby
	Metadata Concept in a Multilingual Payout Centre	Franziska Mauermann, S4M - Solutions for Media
	Evolution of Metadata Models in heterogenous Broadcast environments	Martin Pistor, VCS
	The Metadata Integration Journey for Digital Media	John Jordan, Siemens Global Media Consulting
13:00	Lunch	IRT Lobby
14:00	Roundtable Discussion A few Issues: <ul style="list-style-type: none"> - Search in Content vs. Search in Metadata (direct vs. indirect Search) - Rights Issues in Metadata Models - Suitable Metadata Models (in the BC Domain) – Is a "middleware-like" System such as BMF the Solution? - Workflow based on Metadata and their Models - Cross-modal Metadata modelling – the Way to semantic Data? - What can be expected from Research in the near and distant Future? - Transfer of professional Solutions to Consumer/Prosumer Applications - TVAnytime as the universal Model for the Consumer Side? 	Participants Roundtable Discussion <ul style="list-style-type: none"> - <i>Prof. Nozha Boujemaa, INRIA</i> - <i>Andreas Ebner, IRT</i> - <i>Arnold Smeulders, University Amsterdam</i> - <i>Giorgio Dimino, RAI Research Centre</i> - <i>Jean-Pierre Evain, EBU (Secretary of EBU Project Group P/MAG - Metadata Advisory Group)</i> - <i>Harald Brendel, ARRI</i> Moderator: Christoph Dosch
15:30	Concluding Discussion – Q&A (How to deal with the Plethora of Metadata Models?)	all
16:00	Closure of the Workshop	

Symposium "Metadata in audio-visual/multimedia Productions and Archiving"

Date: 21st - 22nd November 2007

Location:

Institut fuer Rundfunktechnik GmbH
Floriansmuehlstrasse 60
Building 17B - Auditorium
D-80939 Munich
Germany

(Registration from 9.00 a.m.)

Day 1: Wednesday, 21 November 2007

Beginning: 10:15 a.m. - 18.00 p.m. afterwards Get-together, IRT Lobby

Day 2: Thursday, 22 November 2007

Beginning: 9:30 a.m. - 16.00 p.m.

Registration Fee:

You have to pay a registration fee to the amount of EUR 150,- (+ 7 % VAT) - *none for speakers*.

Accordingly you will receive an invoice. By online-registration

<http://www.irt.de/fileadmin/media/downloads/veranstaltungen/anm-symp-21.11.07.html> you are registered as a participant and you will obtain a confirmation by E-Mail. With your registration the fee is due even if you cannot participate in the Symposium.

Programme:

Prof. Dietrich Sauter, IRT
Christoph Dosch (grad. eng.), IRT

Organisation:

Institut für Rundfunktechnik GmbH (IRT)
Public Relations
Prof. Dietrich Sauter
Carola Schmidle