

Multimedia and the Semantic Web

Workshop Programme

29 May 2005, to be held as part of ESWC05

http://www.acemedia.org/ESWC2005_MSW/index.html

Workshop location

Aldemar Royal Mare hotel - room "Harmonia".

Registration to the main conference hotel (Knossos Royal Village) is necessary before attending the Workshop.

Technical Programme

Session 1 : Semantic Annotation of multimedia : Chair John Davies, BT		
10:00 - 10:05		Opening remarks
10:05 - 10:45	mc schraefel (University of Southampton)	Keynote 1: m-space - Getting from where you are to where you want to be
10:45 - 11:10	Joost Geurts, Jacco van Ossenbrugen, Lynda Hardman (CWI, Amsterdam)	Requirements for practical multimedia annotation
11:10 - 11:30	Break	
11:30 - 12:00	Giorgos Stoilos, Giorgos Stamou, Vassilis Tzouvaras (National Technical University of Athens), Jeff Z Pan, Ian Horrocks (University of Manchester)	A fuzzy description logic for multimedia knowledge representation
12:00 - 12:30	M Bertini (DSI Università di Firenze), R Cucchiara (DII Università di Modena e Reggio Emilia), A del Bimbo, C Torniai (DSI Università di Firenze)	Ontologies enriched with visual information for video annotation
12:30 - 14:00	Lunch	
Session 2 : Applications : Chair Paola Hobson, Motorola		
14:00 - 14:45	Guus Schreiber (Free University Amsterdam)	Keynote 2 : E-Culture: Challenging Use Cases for the Semantic Web
14:45 - 15:10	P Sinclair, S Goodall, P H Lewis, K Martinez, (University of	Concept browsing for multimedia retrieval in the SCULPTEUR project

	Southampton), M J Addis (IT Innovation Centre, Southampton)	
15:10 - 15:35	Antoine Isaac (Institut National de l'audiovisuel), Raphaël Troncy (ISTI-CNR, Pisa)	Using several ontologies for describing AV documents : a case study in the medical domain
15:35 - 16:00	Break	
16:00 - 16:25	Mike Dowman, Valentin Tablin, Cristian Ursu, Hamish Cunningham (University of Sheffield), Borislav Popov (Sirma AI EAD)	Semantically enhanced television news through web and video integration
16:25 - 16:50	Jonathon S Hare, Paul H Lewis (University of Southampton)	Saliency based models of image content
16:50 - 17:15	Dietmar Jannach, Klaus Leopold (University Klagenfurt)	A multimedia adaptation framework based on Semantic Web technology
17:15 - 17:20		Summary and close

About the keynote speakers

mc schraefel

Biography : mc schraefel is a Senior Lecturer in the Intelligence, Agents and Multimedia Group, Electronics and Computer Science, University of Southampton. Her main area of research is interaction design for information systems and ubiquitous computing environments.

Abstract : mSpace: Getting from where you are to where you want to be: considering methods for accessing, exploring and associating content in rich information spaces.

Multimedia and Information Retrieval research continually improves the kinds of features that can be derived automatically from media sources, and thereby improves the types of metadata that can be associated with that content for richer queries. One of the challenges then becomes, how do we leverage this metadata in order to associate multimedia content with other related sources so that those sources may act as a gloss on the multimedia, or the multimedia a gloss on the other material? How do we represent these dynamic associations to people such that the spaces they represent become accessible, explorable, meaningful? In particular, how do we help people discover these richer resources when they may have an interest in a domain but not the lexical expertise to formulate queries? How can we help them leverage the attributes discovered about an artifact through multimedia analysis, where those attributes can be contextualized in such a way that they are meaningful to someone who may have an

interest in an area but not the lexical expertise required to parse an expert ontology used to represent the space?

mSpace is an interaction paradigm to help support this kind of access to and exploration of such resources. In this talk, mc schraefel will describe the mSpace model, look at some of the research questions stemming from the work, and seek participants' feedback from the multimedia/IR space on where synergies between mSpace interaction and multimedia research may be towards improving the creation and exploration of new kinds of rich dynamic resources, such as dynamically generated digital libraries, where anyone can begin to access and build knowledge.

Links: <http://mspace.fm>

Guus Schreiber is Professor of Intelligent Information Systems at the [Free University Amsterdam](#). He is co-chair of the W3C [Semantic Web Best Practices and Deployment Working Group](#) and scientific coordinator of the IST Network [Knowledge Web](#). He has been involved in numerous European and Dutch research projects, including KADS & KADS-II (on methodologies for knowledge-system development), REFLECT (reflective reasoning), GAMES (medical knowledge systems), KACTUS (technical ontologies), IBROW (Intelligent Brokering on the Web) and MIA (Multimedia Information Analysis).