Table of Contents

Message from the Chairs XI

Conference Organising Committee XII

International Programme Committee XIII

Web Tv, Iptv, Social Network and Business Tv Experiences. A new era for a crossmedia scenario 1

Projects & Plans for Digital Tv in Europe. Comunicare Digitale Meeting 3

Workshops on Industrial Applications – AXMEDIS 2008 5

dContentWare Project: Combining semantic web and multimedia distribution technologies to realize innovative business models for the provision of digital contents
G. Bux, F. Dentamaro, L. Intonti, M. Ligorio, I. Malatesta, L. Lamacchia 7

Interactive Contents Protection in Digital Terrestrial Television
M. Baldi, G. Cancellieri, E. Gambi, G. Rascioni, S. Spinsante 13

A Framework for Digital Watermarking Next Generation Media Broadcasts
D. Birk, S. Gaines, C. Wegener 19

Workshop DPWF – AAC: Digital Preservation Weaving Factory for Analogue Audio Collections 25

From analogue to Digital: the cycle of digital content production from sound documents of historical archives
A. Gaetti 27

IASA TC 03 and TC 04: standards related to the Long term Preservation and Digitisation of Sound Recordings
N. Wallaszkovits 31

Semi-automatic metadata extraction from shellac and vinyl disc
N. Orio, L. Snidaro, S. Canazza 38

CD and DVD preservation issues
M. Righi 46

Using Matroska EBML for Right Management
C. Bornaghi, E. Damiani 51

AXMEDIS 2008: proceedings of the 4th International Conference on Automated Solutions for Cross Media Content and Multi-Channel Distribution. Workshops, Panels and Industrial Applications. Florence, Italy 17-19 November 2008
edited by Paolo Nesi, Kia Ng, Jaime Delgado
ISBN: 978-88-8453-811-6 (online). ISBN 978-88-8453-810-9 (print). © Firenze University Press, 2008

Modeling and structuring data for cultural heritage: the Pinakes 3.0 project and the deployment of standard
A. Scotti 57

Assessing long term preservation of audiovisual digital contents with DRAMBORA
P. Innocenti, A. McHugh, S. Ross, R. Ruusalepp 60

Workshop on Cultural Heritage and Artificial Intelligence 69

Sonification of narrative texts: an experimental study
R. Basili, F. Spini, S. Evangelista 71

Cultural Heritage and the Web: a Perspective from Archaeology
G. Mantegari 83

3D digitization: making it easier and extending it to color
R. Scopigno 91

Intangible heritage management and multimodal navigation
R. Schettini, G. Ciocca, A. Colombo, I. Gagliardi 95

FIRSt: a Content-based Recommender System Integrating Tags for Cultural Heritage Personalization
P. Basile, M. de Gemmis, P. Lops, G. Semeraro, M. Bux, C. Musto, F. Narducci 103

2nd VARIAZIONI Workshop on Technologies for Content Enrichment in the Web2.0 era 107

The CACAO project: a multilingual interface to Library Catalogues
A. Bosca, C. Roux 109

Content Enrichment in the GAMA Project
A. Lüdtke, B. Gottfried, O. Herzog, G. Ioannidis, M. Leszczuk, V. Šimko 111

Metadata and Licence Model for Music Resources in VARIAZIONI
C.A. Iglesias, V. Torres, F. Spadoni 117

Semantics and Ontologies for Multimedia Objects Representation and Metadata Management in sound Archives
F. Scharffe, M. Luger, Y. Raimond, I. Damnjanovic, J. Reiss 124

What is MILE?
A. de Polo 126

EDCine Project for Digital Cinema and Archives 129

Preservation and Access solutions for Moving Image Archives in the Digital Cinema era
N. Mazzanti, A. Nowak, P. Read 131

Digital Cinema and Object Oriented Sound Reproduction
J. Liebetrau, G. Gatzsche 138

Panel on New Paradigms for Creative Research 143

Outcomes from the EUAIN Network: improving access to books
A. Bergman-Tahon, D. Crombie 145

The ProAccess project: Improving Accessibility of Educational Content
M. Loi, C. Li Calzi, T. van der Togt, D. Crombie 151

Gutenberg 2.0: Towards Adaptive Publishing Environments
M. Loi, D. Crombie, G. Ioannidis, R. Ruemer 155

uWEAR: Wearable computing for you
R. van der Heul, H. Verweij, R. van Tol, A. Stan, M. Weber, G. Ioannidis 163

2020 3D Media Panel on User Intimate Requirement Hierarchy Resolution for Work-flow Design and Implementation in (Post)-Production & Distribution 169

User-Intimate Requirements Hierarchy Resolution Framework (UI-REF)
inWork-flow Design for 3D Media Production & Distribution
A. Badii, D.L. Fuschi 171

Author Index 183