



2nd International Conference on Automated Production of Cross Media Content for Multi-channel Distribution

www.axmedis.org/axmedis2006

13-15 December 2006, University of Leeds, UK
Pre-conference Tutorial Day: 12 December 2006

Conference Programme





2nd International Conference on Automated Production of Cross Media Content for Multi-channel Distribution

<http://www.axmedis.org/axmedis2006>

13th–15th December 2006 with pre-conference Tutorial Day on 12th Dec
ICSRiM - University of Leeds, Leeds LS2 9JT, UK

Paper Sessions, Workshops and Panels: Roger Stevens Lecture Theatre Building
Tutorial Sessions, 12-14 Dec: School of Music & ICSRiM building
Poster Sessions: Sport Hall 2

The AXMEDIS International Conference series has been established since 2005 by the AXMEDIS project which is supported by the EC IST under the 6th Framework Programme and the project consortium, in collaboration with the MUSICNETWORK International Association.

The Conference series is focused on the research, developments and applications in the cross media domain, exploring new and innovative technologies to meet the challenges of the sector. It also combines the activities of the WEDELMUSIC International conference series (www.wedelmusic.org) together with other related activities with workshops and panels.

The AXMEDIS International Conference series aims to explore all subjects and topics related to cross-media and digital-media content production, processing, management, standards, representation, sharing, protection and rights management, to address latest developments and future trends of the technologies and their applications, impacts and exploitation. The AXMEDIS events offer venues for exchanging concepts, requirements, prototypes, research ideas, and findings which could contribute to academic research and also benefit business and industrial communities.

AXMEDIS2006 Programme includes: Scientific and industrial papers, Keynotes, Tutorials, Panels and Workshops, including the MUSICNETWORK Workshop on MPEG Symbolic Music Representation (SMR); I-MAESTRO 2nd Workshop on Technology Enhanced Music Education; Virtual Goods 4th Workshop on Technical, Economic and Legal Aspects of Business Models; Workshop on End-to-End Quality of Service (QoS) for Universal Multimedia Access (UMA); Panel on Collective licensing and rights management - the evolving European legal framework in the digital scenario; Panel on European Accessible Information Network (EUAIN).



AXMEDIS 2006 Programme



	Tue 12 Dec				Wed 13 Dec 2006				Thu 14 Dec 2006				Fri 15 Dec 2006					
	Registration @ School of Music, from 8:30am				Registration @ Roger Stevens Lecture Theatre (RS LT) Building, Level 6 Café Annex, from 8:30am				Registration @ Roger Stevens Lecture Theatre (RS LT) Building, Level 6 Café Annex, from 8:30am				Registration @ Roger Stevens Lecture Theatre (RS LT) Building, Level 6 Café Annex, from 8:30am					
	School of Music LT1				RS LT 21	RS LT 24	RS LT 19	School of Music LT1		RS LT 21	RS LT 24	RS LT 19	School of Music LT1		RS LT 21	RS LT 24	RS LT 19	RS LT 11
9:00 - 9:30	Tutorial: AXMEDIS Framework Overview & Applications I				Registration @ Level 6 Café Annex				Registration @ Level 6 Café Annex				Tutorial: AXMEDIS Multi-channel Content Distribution I					
9:30 - 10:00					*** Opening Session *** [LT 21]				Keynote: Karlheinz Brandenburg, Digital Entertainment: Media technologies for the future [LT 21]				Keynote: Stefan Bechtold, The Present and Future of Digital Rights Management [LT-21]					
10:00 - 10:30									coffee				Representations					
10:30 - 11:00													Applications (I)					
11:00 - 11:30	coffee				coffee				Panel: Collective licensing and rights management [LT 21]				Industrial and Applications (II)					
11:30 - 12:00	Tutorial: AXMEDIS Framework Overview & Applications II				Keynote: Huw Williams, Standards Based Digital Rights Management - Potentially viable or just a pipe dream? [LT 21]				Virtual Goods Workshop (I)				I-MAESTRO Workshop (I)					
12:00 - 12:30					Poster Session [Sport Hall 2]				Tutorial: AXMEDIS Multi-channel Content Distribution II				Keynote: Roberto Cencioni, An Overview of the European Commission IST Framework Programme [LT 21]					
12:30 - 13:00									Poster Session [Sport Hall 2]				Poster Session [Sport Hall 2]					
13:00 - 13:30	Lunch [Music CCOCH Foyer]				Lunch [Sport Hall 2]				Lunch [Sport Hall 2]				Lunch [Sport Hall 2]					
13:30 - 14:00	School of Music LT1				RS LT 21	RS LT 24	RS LT 19	School of Music LT1		RS LT 21	RS LT 24	RS LT 19	School of Music LT1		RS LT 21	RS LT 24	RS LT 19	RS LT 11
14:00 - 14:30	Tutorial: AXMEDIS Content Production and Authoring I				Video				P2P				AXMEDIS Take-up Kick-off (internal meeting)					
14:30 - 15:00									Tutorial: Content Production Management via Workflow and AXMEDIS I				DRM					
15:00 - 15:30													Virtual Goods Workshop (II)					
15:30 - 16:00													I-MAESTRO Workshop (II)					
16:00 - 16:30	coffee				coffee				coffee				coffee					
16:30 - 17:00	Tutorial: AXMEDIS Content Production and Authoring II				Content				MPEG				Workshop on End-to-End Quality of Service for UMA					
17:00 - 17:30									Tutorial: Content Production Management via Workflow and AXMEDIS II				TV					
17:30 - 18:00													Virtual Goods Workshop (III)					
18:00 - 18:30													I-MAESTRO Workshop (III)					
18:30 - 19:00													Text and Documents					
19:00 - 19:30													Panel on European Accessible Information Network (EUAIN) (I)					
19:30 - 20:00													Applications (II)					
20:00 - ...													Industrial and Applications Session (III)					
													MUSICNETWORK SMR Workshop					
													Panel on European Accessible Information Network (EUAIN) (II)					
													Protection Session					
													Multimedia					
													Closing Session & AXMEDIS 2007					
													MN SMR Workshop					
													MUSICNETWORK Int. Association AGM					
					Welcome Reception													
					CCOCH Foyer, School of Music & ICSRiM Building													
					~18:45-20:00													
													Conference Social Dinner					
													Bus to leave "Parkinson Steps" at 7:00pm precisely					
													Bus to depart Royal Armouries Museum (main entrance) 10:45pm					

AXMEDIS2006 Programme

12th December – Pre-Conference Tutorial Day School of Music, LT1

09:00-11:00: AXMEDIS Tutorial: Framework Overview & Applications I

Tutor: Paolo Nesi, DSI-DISIT, Università degli Studi di Firenze, Italy

11:30-13:00: AXMEDIS Tutorial: Framework Overview & Applications II

Tutor: Paolo Nesi, DSI-DISIT, Università degli Studi di Firenze, Italy

14:00-16:00: AXMEDIS Tutorial: Content Production and Authoring I

Tutors: David Fuschi, Pierfrancesco Bellini, Kia Ng, Lorenzo Sutton, Royce Neagle

16:30-18:30: AXMEDIS Tutorial: Content Production and Authoring II

Tutors: David Fuschi, Pierfrancesco Bellini, Kia Ng, Lorenzo Sutton, Royce Neagle

13th December – Roger Stevens Building

8:30am: Registration – Level 6 Café Annex

13th December – Roger Stevens Building Lecture Theatre 21 (LT21)

10:00-11:00: Opening Session

- Dr. Kia Ng, ICSRiM - University of Leeds, UK
- The Lord Mayor of Leeds and the Lady Mayoress Councillor Mohammed Iqbal and Fatima Bibi
- Prof. Margaret Attack, Pro-Vice-Chancellor for research, University of Leeds, UK
- Prof. Paolo Nesi, University of Florence, Italy

11:30-12:30: Keynote Session 1

- *Standards Based Digital Rights Management - Potentially viable or just a pipe dream?* Huw Williams (BBC, Head of Research)

14:00-16:00: Video Session (Chair: Alexander Nouak)

- *Video Multiplexing for the MPEG-2 VBR Encoder using a Deterministic Method* – Jasman Kammin and Kazuo Ohzeki
- *DVTS Video Frame Rate Adjustment Based on Motion Detection* – Nawat Kamnoonwatana, Andrey Kuprianov, Poompat Saengudomlert, Teerapat Sanguankotchakorn, and Kanchana Kanchanasut
- *Histogram-Based Perceptual Hashing for Minimally Changing Video Sequences* - Kevin Hamon, Martin Schmucker, and Xuebing Zhou
- *3D Navigable Interface for Interactive Movie Gormenghast Explore* - Julia Sussner, Ludvig Lohse, Maureen Thomas, Gustavo García, Isabel Alonso, and Alberto Muñoz

16:30-18:30: Content Session (Chair: David Fuschi)

- *Distributed Architectures for High Performance and Privacy-aware Content Generation and Delivery* - Claudia Canali, Michele Colajanni, and Riccardo Lancellotti
- *Content Based Description of Audio in the Context of AXMEDIS*, - Nicolas Scaringella, Martin Schmucker, and Michael Arnold
- *Profiling Management for Personalised Multimedia Delivery On-Demand within the AXMEDIS Framework* - A. Badii, M. Sailor, and R.R. Nair
- *A Management System for Distributed Knowledge and Content Objects* - Wernher Behrendt, Nitin Arora, Tobias Bürger, and Rupert Westenthaler

13th December – Roger Stevens Building Lecture Theatre 24 (LT24)

14:00-16:00: P2P Session (Chair: Fabrizio Fioravanti)

- *P2P Sharing within the Semantic Hifi European Project* - Jens Hasselbach
- *Facilitating Universal Multimedia Adaptation (UMA) in a Heterogeneous Peer-to-Peer Network* - Letian Rong and Ian Burnett
- *AXMEDIS Programme and Publication Tools Integration with Workflow-enabled Communication and Process Control* - Kia Ng, Atta Badii, Maulik Sailor, and Bee Ong
- *A Mobile Peer-To-Peer Application for Distributed Recommendation and Re-sale of Music* - Jürgen Nützel and Mario Kubek (*This paper is to be presented at 15:30, 14 Dec 2006, LT24*)

16:30-18:00: MPEG Session (Chair: Jaime Delgado)

- *The Role of MPEG-7 in Semantic Annotation and the Cross-Media Publishing Process* - Tobias Bürger, Georg Güntner, and Erich Gams
- *SMIL to MPEG-4 BIFS Conversion*, Beilu Shao, Laureano Moro Velázquez - Nicolas Scaringella, Neha Singh, and Marco Mattavelli
- *Enhancing Interoperability via Generic Multimedia Syntax Translation* - Joseph Thomas-Kerr, Ian Burnett, and Christian Ritz

13th December – Roger Stevens Building Lecture Theatre 19 (LT19)

14:00-16:00: AXMEDIS Take-up Kick-off (Internal Meeting)

16:30-18:00: Workshop on End-to-End Quality of Service (QoS) for Universal Multimedia Access (UMA) (Chairs: Christian Timmerer, Paolo Nesi, and Hermann Hellwagner)

- *MPEG-21-based Cross-Resource Adaptation Decision-Taking* - Ingo Kofler and Hermann Hellwagner
- *MPEG-21 Cross-Layer QoS Adaptation for Mobile IPTV Services Delivering* - Ismail Djama and Toufik Ahmed
- *Exploitation of Interactive Region of Interest Scalability in Scalable Video Coding by Using an XML-driven Adaptation Framework* - Davy De Schrijver, Wesley De Neve, Davy Van Deursen, Sarah De Bruyne, and Rik Van de Walle

13th December – School of Music, LT1

9:00-11:00: Tutorial on AXMEDIS Content Processing and Automatic Production I

Tutors: Martin Schmucker, Ivan Bruno, and Maulik Sailor

11:30-13:00: Tutorial on AXMEDIS Content Processing and Automatic Production II

Tutors: Martin Schmucker, Ivan Bruno, and Maulik Sailor

14:00-16:00: Tutorial on Content Production Management via Workflow and AXMEDIS I

Tutors: Atta Badii, Maulik Sailor, and Laurence Pearce

16:30-18:30: Tutorial on Content Production Management via Workflow and AXMEDIS II

Tutors: Atta Badii, Maulik Sailor, and Laurence Pearce

13th December – School of Music & ICSRiM Building, Clothworkers Centenary Concert Hall Foyer (CCCH Foyer)

18:45–20:00: Welcome Reception

**14th December – Roger Stevens Building
Lecture Theatre 21 (LT21)**

8:30am: Registration – Level 6 Café Annex, Roger Stevens Building

11:30-12:30: Keynote Session 2

- *Digital Entertainment: Media technologies for the future* - Karlheinz Brandenburg

11:00-12:30: Panel (Chair: Massimo Baldinato)

- *Panel on Collective licensing and rights management - the evolving European legal framework in the digital scenario* - Massimo Baldinato, Carola Streul, Nicole La Bouverie, Florian Koempel, and Paloma López Peláez

14:00 - 15:30: DRM Session (Chair: Marc Gauvin)

- *Towards the Interoperability between MPEG-21 REL and Creative Commons Licenses*, Eva Rodríguez and Jaime Delgado
- *Accounting Solutions in the AXMEDIS Project* - S. Chellini, T. Martini, and P. Nesi
- *Translation between XML-based Rights Expressions using UML and Relational Models* - Silvia Llorente, Jaime Delgado, Rubén Barrio, and Xavier Maroñas

16:00-18:00: TV Session (Chair: Nigel Earnshaw)

- *Creating Rich Metadata in the TV Broadcast Archives Environment: the PrestoSpace Project* - A. Messina, L. Boch, G. Dimino, W. Bailer, P. Schallauer, W. Allasia, M. Groppo, M. Vigilante and R. Basili
- *Collaborative Personalised TV Programming* - Jacob Sparre Andersen
- *A Multimedia Content Interchange Framework for TV Producers* - Jaime Delgado, Silvia Llorente, Enric Peig, and Anna Carreras
- *A Distributed System for Automatic Collection and Distribution of Satellite Images and Weather Information Over DTT* - Daniele Peretto, Marco Frattallone, Simone Piazza, Claudio Ferrero, Giovanni Ballocca, and Ferdinando Ricchiuti

**14th December – Roger Stevens Building
Lecture Theatre 24 (LT24)**

11:00-12:30: Virtual Goods 4th Workshop on Technical, Economic and Legal Aspects of Business Models (I)

(Chairs: Rudiger Grimm and Jurgen Nutzel, Multimedia Applications, Technical University Ilmenau)

- *Employing Trusted Computing for the Forward Pricing of Pseudonyms in Reputation Systems* - Nicolai Kuntze, Dominique Mähler, and Andreas U. Schmidt
- *Towards the Automated Selling of Web Services over the Internet* - Oliver Hummel, Philipp Bostan, and Colin Atkinson
- *Trading Privacy* - Helge Hundacker and Rüdiger Grimm

14:00-15:30: Virtual Goods 4th Workshop on Technical, Economic and Legal Aspects of Business Models (II)

- *Discouraging File Sharing Piracy by Search Response* - Martin Steinebach and Christian Hassler
- *BluetunA: share your taste in music with people nearby* - Stephan Baumann, Arianna Bassoli, Björn Jung, and Martin Wisniewski
- *Virtual Knowledge as Virtual Goods* - Klaus P. Jantke

16:00 - 17:30: Virtual Goods 4th Workshop on Technical, Economic and Legal Aspects of Business Models (III)

- *Freebies for CD Retailers: A transition from tangible to digital distribution* - Patrick Aichroth and Jens Hasselbach
- *Information Flow Control for Distributed Usage Control* - Dieter Hutter and Melanie Volkamer
- *CONFUO on BitTorrent - Liable File Sharing with Swarming* - Jochen Ulzheimer, Martin Schmucker, and Peter Ebinger
- *(from P2P Session on 13 Dec 2006) A Mobile Peer-To-Peer Application for Distributed Recommendation and Re-sale of Music* - Jürgen Nützel and Mario Kubek

**14th December – Roger Stevens Building
Lecture Theatre 19 (LT19)**

11:00-13:00: I-MAESTRO 2nd Workshop on Technology Enhanced Music Education (I)

(Chairs: Kia Ng, Tillman Weyde, and Fabrice Guédy)

- *i-Maestro: Interactive Multimedia Environments for Music Education* - Bee Ong, Kia Ng, Nicola Mitolo, and Paolo Nesi
- *MPEG-Symbolic Music Representation Editor and Viewer for Max/MSP* - P. Bellini, F. Frosini, G. Liguori, N. Mitolo, and P. Nesi
- *Technology and Paradigms to Support the Learning of Music Performance* - Norbert Schnell, Frederic Bevilacqua, Diemo Schwarz, Nicolas Rasamimanana, and Fabrice Guédy
- *Mediating Representations: Domain Knowledge to Pedagogical Content Knowledge (PCK): supporting the instantiation of dynamic pedagogic flow responsive to the evolving situated chemistry of Pedagogic Experiences* - Atta Badii and Peter Mothersole

14:00-15:30: I-MAESTRO 2nd Workshop on Technology Enhanced Music Education (II)

- *Towards Reference Architectures for Dynamic Pedagogic Flow Adaptation in Blended Learning with PCK-empowered MaestrOnto-SCR and the P-Flow Control Support Framework* - Atta Badii and Peter Mothersole
- *Using Music Processing Algorithms for Exercise Generation in Music E-Learning* - Kerstin Neubarth and Tillman Weyde
- *Generation of Exercises and Exercise Sequences for Technology-Enhanced Music Education* - Tillman Weyde

16:00-18:00: I-MAESTRO 2nd Workshop on Technology Enhanced Music Education (III)

- *Creating Accessible Interfaces for i-Maestro Learning Object* - Neil McKenzie and David Crombie
- *Potential for Unification of Musical Standards with I-MAESTRO* - Stuart Cunningham
- *Integration of Contemporary Music Techniques and Spatialization within a Pedagogical Framework* - Emile Ellberger
- *TimeToy4: A different approach to interface design for an audio manipulation utility application* - Marcel Wierckx

14th December – School of Music, LT1

9:00-11:00: Tutorial on AXMEDIS Multi-channel Content Distribution I

Tutors: David Fuschi, Pierfrancesco Bellini, and Roberta Campo

11:30-13:00: Tutorial on AXMEDIS Multi-channel Content Distribution II

Tutors: David Fuschi, Pierfrancesco Bellini, and Roberta Campo

**14th December – Roger Stevens Building
Lecture Theatre 11 (LT11)**

14:00-15:30: Industrial and Applications Session (I)

(Chair: Domenico Dato)

- *Focuseek Nautilus for Dynamic Digital Content Drill-down Browsing* - Nicola Baldini and Michele Bini
- *OLGA: On-Line GAMing over Heterogeneous Platforms Thanks to Standard Scalable Content* - Francisco Morán, Marius Preda, Gauthier Lafruit, Paulo Villegas, and Robert-Paul Berrelty
- *Semantic Support for Musical Assets Recommendation Using Association Rules* - Jayan C Kurian, Payam M. Barnaghi, and Michael Ian Hartley
- *Nautilus for Dynamic Digital Content Drill-down Browsing* - Nicola Baldini and Michele Bini

16:00-18:00: Text and Documents Session (Chair: Manuel Zini)

- *An Algebra for Multidimensional Documents as Abstraction Mechanism*

for Cross Media Publishing - Ulrike Lucke

- *Multi-Term Keywords for Indexing Multilingual Textual Repositories: Developing Language Resources and Algorithms* - Alessandro Panunzi, Marco Fabbri, Massimo Moneglia, and Manuel Zini
- *Plagiarism Detection Through Multilevel Text Comparison* - Manuel Zini, Marco Fabbri, Massimo Moneglia, and Alessandro Panunzi
- *Document Retrieval in Pen-Based Media Data* - Sascha Schimke and Claus Vielhauer

14th December – AXMEDIS2006 Social Dinner Royal Armouries Museum

-- Conference Social Dinner Ticket Required --

19:00: coaches to leave the "Parkinson Steps" (main entrance of the University).

19:15: arrival at the Royal Armouries Museum

10:45: coaches to depart the main entrance of the Royal Armouries Museum

15th December – Roger Stevens Building Lecture Theatre 21 (LT21)

9:00-10:00: Keynote Session 3

- *The Present and Future of Digital Rights Management* - Stefan Bechtold (Max Planck Institute for Research on Collective Goods, Germany)

10:00 - 11:00: Representations Session (Chair: Horacio Saggion)

- *Using XML for Publishing On Demand in Different Output Formats* - Reinhard Ruemer and Klaus Miesenberger
- *Design and Implementation of a Cross-Media Indexing System for the Reveal-This System* - Murat Yakici and Fabio Crestani

11:30-12:30: Keynote Session 4

- *From Intelligent Content to Actionable Knowledge: Research Directions and Opportunities under Framework Programme 7* - Roberto Cencioni (European Commission, DG INFSO)

14:00-15:30: Panel on European Accessible Information Network (EUAIN) (I) (Chairs: David Crombie and Neil McKenzie, FNB/DEDICON, The Netherlands)

- *Re-using standards to create environments for Accessible Music Learning with i-Maestro* - Neil Mckenzie
- *Accessibility of Two-Dimensional Structures in Science Learning* - Cristian Bernareggi
- *An RFID Based Tangible User Interface for Content Access in Museums* - David Luigi Fuschi

16:00-18:00: Panel on European Accessible Information Network (EUAIN) (II)

- *Accessibility of PDF Documents* - M.A. Hersh and M.A. Johnson
- *Managing Multiple Updates in Dynamically driven Web Applications* - Gez Lemon and Joshue O Connor
- *Accessible Multichannel Content Processing* - Noel Duffy
- *The new RNIB eDistribution Platform* - Mandy White and David Mann

18:00-18:30: AXMEDIS2006 Closing Session

- Kia Ng (AXMEDIS2006 General Chair) and Paolo Nesi (AXMEDIS Project Coordinator)

15th December – Roger Stevens Building Lecture Theatre 24 (LT24)

10:00-11:00: Applications Session (I) (Chair: Peter Ebinger)

- *A Cross Media Platform for Personalized Leisure & Entertainment: The POLYMNIA Approach* - Vasilios Anagnostopoulos, Sotiris Chatzis, Constantinos Lalos, Anastasios Doulamis, Dimitrios Kosmopoulos, Theodora Varvarigou, Helmut Neuschmied, Georg Thallinger - Stuart E. Middleton, Matthew Addis, Eduardo Bustos, and Fabrizio Giorgini

- *Automated Paper-based Watermark Extraction and Processing* - Hazem Hiary and Kia Ng

14:00-15:30: Applications Session (II) (Chair: Atta Badii)

- *MX Navigator: An Application for Advanced Music Fruition* - Adriano Baratè, Goffredo Haus, and Luca A. Ludovico
- *Accessing and Distributing Streaming Events on DHT-based Systems* - M. Milanese, G. Ruffo, F. Ricchiuti, and D. Albertin
- *KOPI Protection instead of Copy Protection* - László Kovács and Máté Pataki

16:00-18:30: Protection Session (Chair: Rüdiger Grimm)

- *3D Fingerprinting and Encryption Principle for Collaboration* - Misung Cho, Seokryul Kim, Maenghee Sung, and Giwon On
- *Protection of MP3 Music Files using Digital Rights Management and Symmetric Cipherring* - Carlos Serrão, António Serra, Miguel Dias, and Jaime Delgado
- *Definition of Mechanisms that Enable the Exploitation of Governed Content* - Jaime Delgado, Tommaso Martini, Paolo Nesi, Eva Rodríguez, Davide Rogai, and Andrea Vallotti
- *Semi-fragile Watermarking for Image Authentication with High Tampering Localization Capability* - Huajian Liu and Martin Steinebach

15th December – Roger Stevens Building Lecture Theatre 19 (LT19)

10:00-11:00: Industrial and Applications Session (II)

(Chair: Zhenyu Liu)

- *A Design of H.264 Decoder with Integrated Hardware and Software* - Qingyun Chang, Youhui Zhang, Yuejian Xie, Dong Liu, and Dongsheng Wang
- *The eCHASE System for Cross-border Use of European Multimedia Cultural Heritage Content in Education and Publishing* - M. Addis, S. Hafeez, D. Prideaux, R. Lowe, P. Lewis, K. Martinez, and P. Sinclair

14:00-15:30: Industrial and Applications Session (III)

(Chair: Laurence Pearce)

- *gHand: Pointing in an Interactive Multimedia Environment* - Moath Al-Rajab and Kia Ng
- *Naming and Meaning of Digital Objects* - Norman Paskin
- *New Mobile, Location and Context Aware Formats for the Content Industry towards the Knowledge Society* - Fabrizio Cardinali

16:00-18:30: Multimedia Session

(Chair: Jürgen Nützel)

- *Music Mood Wheel: Improving browsing experience on digital content through an audio interface* - Andreja Andric, Pierre-Louis Xech, and Andrea Fantasia
- *The Use of Incentive Mechanisms in Multi-Channel Mobile Music Distribution* - Marco Furini and Manuela Montangero
- *Method and Environment for the Retrieval of Structural Music Information* - Alberto Pinto and Goffredo Haus
- *SEAM: A Sound-Embedded Advertisement Model for Online Digital Music Distribution* - Dimitrios Margounakis, Dionysios Politis, and Christina Boutsouki

15th December – Roger Stevens Building Lecture Theatre 11 (LT11)

10:00-11:00: I-MAESTRO User Group Meeting

14:00-15:30: MUSICNETWORK Workshop on MPEG Symbolic Music Representation (SMR) (I) (Chairs: Pierfrancesco Bellini, Paolo Nesi, Maurizio Campanai, Giorgio Zoia)

- *A Hybrid MPEG-7 Compliant Musical Structure Analysis Led Automated Collaborative Musical Recommender System* - Kevin Curran, Elaine Smyth, and Frank Lyons
- *Digital Preservation of Interactive Multimedia Performing Arts* - Kia Ng, Tran Vu Pham, Bee Ong, Alain Bonardi, Jerome Barthelemy, and David Giaretta

- *Using MPEG Symbolic Music Representation in MPEG-4* - Pierfrancesco Bellini, Paolo Nesi, and Giorgio Zoia

16:00 - 16:30: MUSICNETWORK Workshop on MPEG Symbolic Music Representation (SMR) (II)

- *Writing for Microtonal Triple Harp* - Eleri Angharad Pound, Michael Spencer, and Kia Ng

16:30-17:30: AGM of the MUSICNETWORK International Association

13th-15th December – Sport Hall 2

12:30-13:30: Poster Sessions (Please enquire at the Registration Desk for Poster Setup)

- *A Feature-Augmented Grammar for Automated Media Production* - Freddy Choi, Richard Beales, Jonathan Hearn, Stuart E. Middleton, Matthew Addis, and Christos Mangos
- *Media Company: an empirical analysis about the mobile channel* - Cristina Catanzaro, Andrea Rangone, Filippo Maria Renga, and Marta Valsecchi
- *Future Live iTV Production: Challenges and Opportunities* v Richard Wages, Stefan M. Grünvogel, Janez Zaleteelj, Carmen Mac Williams, and Georg Trogemann
- *A priori Rate Allocation in Wavelet-based Image Compression* - Sven Grottko, Thomas Richter, and Ruedi Seiler
- *Concept for Audio Quality and Security Assurance in Mobile Phones as Multimodal User Guides* - Andrea Oermann, Sandra Gebbensleben, Claus Vielhauer, and Jana Dittmann
- *Modeling and Analysis of Peer-to-Peer Multicast Streaming* - Dominik Zalewski
- *KOPI Protection instead of Copy Protection* - László Kovács and Máté Patakí
- *International Association of Interactive Multimedia MUSICNETWORK* - Kia Ng, Nicola Mitolo, Pierfrancesco Bellini, Paolo Nesi, and Maurizio Campanai
- *AXMEDIS: Automating Production of Cross Media Content for Multi-channel Distribution* - Paolo Nesi and Kia Ng
- *I-MAESTRO: Interactive Multimedia Environment for Technology Enhanced Music Education and Creative Collaborative Composition and Performance* - Bee Ong, Kia Ng, Nicola Mitolo, and Paolo Nesi
- *CASPAR: Digital Preservation of Interactive Multimedia Performing Arts* - Tran Vu Pham, Bee Ong, and Kia Ng
- *COST287-ConGAS: Gesture Controlled Audio Systems*

In 2005, the first AXMEDIS International Conference was held in Florence, Italy with over 230 attendees from 22 countries, including 48% from research and academic sectors, 37 % from the industry, 7.4% from government and 4% from cultural institutions, etc.

This year, AXMEDIS2006 has received an even larger number of submissions on research, applications, industrial developments, with 4 keynote presentations, 4 co-located workshops, 2 R&D Panels and 5 Tutorials. We are very pleased to see the growth of AXMEDIS Conference becoming larger, more attractive, more exciting and more interesting all the time. We look forward to welcoming you and wishing you a very stimulating and enjoyable experience at what we trust will be another excellent AXMEDIS Conference.

Conference Organising Committee

General chair

Kia Ng
 ICSRiM - University of Leeds,
 School of Computing & School of Music,
 Leeds LS2 9JT, UK
kia@kcng.org, kia@computer.org, www.kcng.org, www.icsrim.org.uk

Research co-chairs

Atta Badii
 IMSS, University of Reading, UK

Pierfrancesco Bellini
 DSI-DISIT, University of Florence, Italy

Tutorial co-chairs

Paolo Nesi
 DSI-DISIT, University of Florence, Italy

Jaime Delgado
 Universitat Politècnica de Catalunya, Barcelona, Spain

Industrial co-chairs

David Fuschi
 Giunti Interactive Labs, Italy

Claudio Marangoni
 HP, Italy

Laurence Pearce
 xim Ltd, UK

Publicity co-chairs

Roberto Grisley
 Accademia Nazionale di Santa Cecilia, Rome, Italy

Isabella Longo
 Associazione dei Fonografici Italiani, Milan, Italy

Local Committee chair and Administration:

Bee Ong
 ICSRiM, University of Leeds, UK
bee@icsrim.org.uk

Simonetta Ceglia
 DSI-DISIT, University of Florence, Italy

Nicola Mitolo
 DSI-DISIT, University of Florence, Italy

International Programme committee

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Conference Venue:

- 12 Dec 2006, Pre-conference Tutorial Day: School of Music, LT1
- 13-15 Dec 2006, Registration: Level 6 Café Annex, Roger Stevens Lecture Theatre Building
- 13-15 Dec 2006, Paper Sessions, Panels and Workshops: Roger Stevens Lecture Theatre Building, LT21, LT24, LT19, LT11
- 12-14 Dec 2006, Tutorial Sessions: School of Music, LT1
- 13-15 Dec 2006, Poster Sessions: Sport Hall 2
- <http://www.axmedis.org/axmedis2006/location.html>

Conference Programme:

<http://www.axmedis.org/axmedis2006/program.html>

Registration Form:

<http://www.axmedis.org/axmedis2006/registration.html>

For further information, please contact:

ceglia@dsi.unifi.it or bee@icsrim.org.uk