In the era of the digital world and the Internet, cross-media production, business models and distribution are being powerfully supported and pushed forward by the emergent technologies that help the industry to reduce the cost of media production and distribution, while optimising productivities. AXMEDIS2006 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 the latest developments and future trends of the technologies and their applications, impacts and exploitation. We are particularly interested in exchanging concepts, requirements, prototypes, research ideas, and findings which could contribute to academic research and also benefit business and industrial communities.

Recommended topics include, but are not limited to the following:

- Automatic cross-media production, collection, crawling, composition, formatting, P2P, etc.
- Formats and models for multi-channel content distribution
- Multimedia standards, e.g. MPEG-7, MPEG-21, DMP, etc.
- High quality audio visual coding
- Multimedia music representation and formatting
- Watermarking and fingerprinting techniques
- GRID and distributed systems for content production
- real-time streaming media distribution
- Multimedia middleware
- Workflow management systems
- Web services for content distribution
- Semantic Web
- Distribution with P2P architectures
- Legal aspects related to digital content
- Collecting and clearing of rights and licences
- Business, payment and transaction models
- Digital Rights Management (DRM), models tools, and interoperability
- Formats and tools for Content Aware
- Archives managements for cultural and educational applications
- Synchronisation technologies and solutions
- Systems and approaches for content production/distribution on demand
- Digital content user interface
- Digital content accessibility
- Novel applications and case-studies of relevant technologies

Research Papers: Papers should describe original and significant work in the research and industrial practice of related topics. (i) Long papers: up to 8 pages, will normally be particularly focused on research studies, applications and experiments (ii) Short papers: up to 4 pages, will be particularly suitable for reporting work-in-progress, interim results, or as a position paper submission.

Applications and Industrial Presentations: Proposals for presentations of applications and tools, including reports on the application and utilisation of tools, industrial practices and models, or tool/system demonstrations. Abstract: 2 pages.

Panels, Workshops and Tutorials: Proposal for panels, workshops and tutorials are invited. Please contact conference@axmedis.org for details. AXMEDIS and other Tutorials will be hosted at the AXMEDIS2006.

All submissions and proposals are to be in English and submitted in PDF format by email to conference@axmedis.org on or before 18 March 2006. Document style is available at the conference website. The conference proceedings is to be published by the IEEE Computer Society Press. Selected papers from the conference will be considered for publication in special issues of one or more major peer-reviewed Journals in this domain.

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