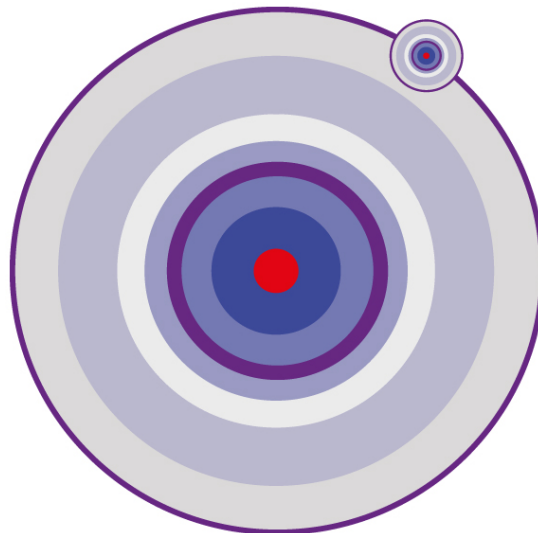


D4.2 Intermediate version of MIReS scientific collection



MIReS

Grant Agreement nr	287711
Project acronym	MIReS
Start date of project (dur.)	Oct 1st 2011 (18 months)
Document due Date :	30/06/2012
Actual date of delivery	27/06/2012
Leader	QMUL
Reply to	magdalena.chudy@eecs.qmul.ac.uk
Document status	Version 1

Project funded by ICT-7th Framework Program from the European Commission

Project ref. no.	287711
Project acronym	MIREs
Project full title	Roadmap for Music Information ReSearch
Document name	Intermediate version of MIREs scientific collection
Security (distribution level)	PP
Contractual date of delivery	30/06/2012
Actual date of delivery	27/06/2012
Deliverable name	Intermediate version of MIREs scientific collection
Type	R
Status & version	Draft 1
Number of pages	5
WP / Task responsible	WP4 / QMUL
Other contributors	n/a
Author(s)	Magdalena Chudy
EC Project Officer	Rossella Magli
Abstract	Intermediate version of MIREs scientific collection
Keywords	Wiki, online collection, proceedings, videos, dissemination
Sent to peer reviewer	Yes (OFAI-OSGK)
Peer review completed	Yes
Circulated to partners	Not yet
Read by partners	Not yet
Mgt. Board approval	Not yet

1. Description

The MIReS scientific collection, as a part of MIReS Documentation Hub (WP2 D2.1), is designed for collecting proceedings and multimedia materials from workshops, special sessions, tutorials and scientific publications generated by the project.

A web-based repository set on the MIReS Wiki site (<http://mires.eecs.qmul.ac.uk/wiki/index.php>), inspired by existing repositories such as Wikipedia which support different formats for documentations, aims to include concise articles, lecture slides, demos and videos, links to relevant online literature and multimedia material, etc.

At month 9, an intermediate version of scientific collection (for the period between October 2011 and June 2012), is available online on <http://mires.eecs.qmul.ac.uk/wiki/index.php/Proceedings>, and contains:

1. a list of WP5 events (**MIReS Hubs and Spokes Section**) organised or supported by the MIReS project
each event described by a set of info fields including: event title, hosting event name, date(s), location, summary and links to available documenting materials (see Figures 1-2)
2. a list of WP4 events (**MIReS events and related conferences Section**)
each event described by a set of info fields including: event name, date(s), location, short description and links to available programme and proceedings (see Figure 3)
3. a complementary list of the most related MIR conferences (**Previous MIReS related conferences Section**), backdated to 2010, meant as a reference source for a complete overview of MIR recent papers (see Figure 3).

At the later stage (the final version to be released at month 18), the MIReS repository will comprise all the events targeted for the project dissemination (WP4) and new knowledge generation activities (WP5).



Proceedings

MIREs Hubs and Spokes

Title	Hosting Event	Dates	Location	Summary	Documentation
Panel discussion: The Future of Music Information Research	CMMR 2012 @	2012, June 19-22	London, UK		
Panel discussion: MAKE, PLAY, SHARE: The Future of MusicTech	Sonar @ / SonarPro @ / Music Hack Day @	2012, June 14-16	Barcelona, Spain		
Music Hack Day	Sonar @ / SonarPro @ / Music Hack Day @	2012, June 14-16	Barcelona, Spain	Music Hack Day has been a great way to demonstrate the creativity around music that comes from the tech community, fostering cross-platform and cross-device innovation. The past three years have seen more than 20 Music Hack Day events taking place around the world. Starting in London, it has spread across the world to Berlin, Amsterdam, Boston, Stockholm, San Francisco, Barcelona, New York, Sydney and Montreal. MHD is a very exciting event, watching over 2000 participants taking part, building hundreds of hacks and with over 125 music and tech companies' supporting the events. The Music Technology Group has organized Music Hack Day events in Barcelona since 2010. This edition of Music Hack Day at Barcelona is being organized in collaboration with Sonar Festival like last year, taking advantage of the great exposure presented by this Festival (more than 79.000 spectators, 833 companies and 1.018 journalists accredited from 515 media last year 2011).	Videos: Music Hack Day @SonarPro Barcelona (2012) @
Workshop: MIR and Creation	Manifeste Festival @	2012, June 01 - July 01	Paris, France	The goal of the workshop was to better understand the relationship between "M.I.R. and Creation" and study how MIR has extended its scope and is now used for the creation process itself. The invited key-speakers gave their point-of-view on the present and future of MIR for creation, being at the composition, interaction, performance or research level, at the audio, symbolic and database level. The main focus was on the use of M.I.R. for Creation, to go beyond "musicing" and answer the questions: 1. What can we do with the Information a-la-ISMR (audio-descriptors, source-separation, chords, beats, auto-tags) for Creation? 2. What other Musical Information can be used for Creation (symbolic, sensors, ...)?	
Workshop: Synaesthesia	Music Tech Fest @	2012, May 17-19	London, UK	Ideas on "seeing music" were used as a trigger for an investigation into the relationship between music data and the visual arts. Peter Kim, author of Create Digital Music (createdigitalmusic.net) and of Synaesthesia workshops at Parsons School of Art in New York was invited to conduct the workshop. Tutorials were focused on methods in Processing and digital media, and examples drawn from digital ways of visualising music. The outcome showed a strong correlation between the interpretation of music and visual triggers. A collaborative application translating visual data to music data was used to generate music by drawing. The final results were presented on the main stage to festival audiences and will be uploaded on the new Music Tech Fest / Music Tech Talks channel on YouTube.	
3D Music Hack Camp	Music Tech Fest @	2012, May 17-19	London, UK	The 3D Music Hack Camp was conceived with the aim of combining the Internet of Things with music information hacking. The concept attracted contributions from some of the best known brands in the media and music industry: EMI, the BBC, Warp, Decibel, BMAT, Cisco, Ninja Tune, Last.fm and Animal Systems. The camp was run by Ariel Etkin from the London Music Hack Space. The event generated novel applications of music information to objects like light sabres, play environments like ping pong tables, as well as new musical instruments and tangible interfaces. The final results were presented on the main stage to festival audiences and have been filmed for upload on the new Music Tech Fest / Music Tech Talks channel on YouTube.	
				The following topics were discussed and the main conclusions are: 1. How to foster collaboration between researchers from different disciplines (musicologists, musicians, engineers...)? • need to build truly interdisciplinary teams • it is important to turn computational modes into usable tools that ethnomusicologists or musicologists can use	

Figure 1. The MIREs Wiki Proceedings collection screenshot – top section

Workshop: MIR and Creation	Manifeste Festival @	2012, June 01 - July 01	Paris, France	The goal of the workshop was to better understand the relationship between "M.I.R. and Creation" and study how MIR has extended its scope and is now used for the creation process itself. The invited key-speakers gave their point-of-view on the present and future of MIR for creation, being at the composition, interaction, performance or research level, at the audio, symbolic and database level. The main focus was on the use of M.I.R. for Creation, to go beyond "musicing" and answer the questions: 1. What can we do with the Information a-la-ISMR (audio-descriptors, source-separation, chords, beats, auto-tags) for Creation? 2. What other Musical Information can be used for Creation (symbolic, sensors, ...)?	
Workshop: Synaesthesia	Music Tech Fest @	2012, May 17-19	London, UK	Ideas on "seeing music" were used as a trigger for an investigation into the relationship between music data and the visual arts. Peter Kim, author of Create Digital Music (createdigitalmusic.net) and of Synaesthesia workshops at Parsons School of Art in New York was invited to conduct the workshop. Tutorials were focused on methods in Processing and digital media, and examples drawn from digital ways of visualising music. The outcome showed a strong correlation between the interpretation of music and visual triggers. A collaborative application translating visual data to music data was used to generate music by drawing. The final results were presented on the main stage to festival audiences and will be uploaded on the new Music Tech Fest / Music Tech Talks channel on YouTube.	
3D Music Hack Camp	Music Tech Fest @	2012, May 17-19	London, UK	The 3D Music Hack Camp was conceived with the aim of combining the Internet of Things with music information hacking. The concept attracted contributions from some of the best known brands in the media and music industry: EMI, the BBC, Warp, Decibel, BMAT, Cisco, Ninja Tune, Last.fm and Animal Systems. The camp was run by Ariel Etkin from the London Music Hack Space. The event generated novel applications of music information to objects like light sabres, play environments like ping pong tables, as well as new musical instruments and tangible interfaces. The final results were presented on the main stage to festival audiences and have been filmed for upload on the new Music Tech Fest / Music Tech Talks channel on YouTube.	
Panel discussion: Technological challenges for the computational modelling of the world's musical heritage	INFLA/FMA 2012 @	2012, April 19-20	Seville, Spain	The following topics were discussed and the main conclusions are: 1. How to foster collaboration between researchers from different disciplines (musicologists, musicians, engineers...)? • need to build truly interdisciplinary teams • it is important to turn computational modes into usable tools that ethnomusicologists or musicologists can use • need to define new methodologies adapted to the use of technology for ethnomusicological studies 2. Is it right to focus on single culture studies rather than approach musical phenomena cross-culturally? • need to study single cultures but at the same time we need to keep links and collaborations between cultures to perform cross-cultural analyses. 3. Which should be our next steps in establishing ethno-Music Information Retrieval (ethno-MIR)? • create an ethno-MIR Special Interest Group within the ISMR society • organize an annual meeting during ISMR • establish FMA as an annual forum for ethno-MIR • write grant proposals for collaborations in ethno-MIR; in particular a proposal for a European COST action that would support conferences and workshops in ethno-MIR	
Panel discussion: Music Information Research of relevance to Hindustani and Carnatic music	1st CompMusic Workshop @	2012, January 20	KJIT-Gurgaon, India	The aim of the panel was to talk about melodic and rhythmic characteristics of both Hindustani and Carnatic music, focusing on the differences between the two cultures in terms of intonation (tuning), melodic and motivic organization, and rhythmic patterns. Some ideas for the panel discussion included: 1. differences between tabla and mridangam in terms of rhythmic playing 2. improvisation styles based on melodic signatures and phrases in both Hindustani and Carnatic musics 3. Gamakas in Carnatic music versus meends/gamakaas in Hindustani music 4. characterization of Gharanas in Hindustani music in terms of intonation, melody, and rhythm 5. types of singing Khayal vs. Dhrupad	video: part1 @, part2 @

MIREs events and related conferences

Event	Dates	Location	Description	Documentation & Proceedings
CMMR 2012 @	2012, June 19-22	London, UK	The 9th International Symposium on Computer Music Modeling and Retrieval "Music and Emotions". CMMR @ is an interdisciplinary conference involving fields such as computer science, engineering, information retrieval, human computer interaction, digital libraries, human-computer intelligence, usability and music itself (creation, performance, musicology, music reception, and cognition).	programme @

Figure 2. The MIREs Wiki Proceedings collection screenshot – middle section

MIREs events and related conferences

Event	Dates	Location	Description	Documentation & Proceedings
CMMR 2012	2012, June 19-22	London, UK	The 9th International Symposium on Computer Music Modeling and Retrieval "Music and Emotions". CMMR is an interdisciplinary conference involving fields such as computer science, engineering, information retrieval, human computer interaction, digital libraries, hypermedia, artificial intelligence, acoustics, audio and music signal processing, musicology, music perception and cognition, neuroscience, as well as music composition and performance.	programme
"MIR and Creation" Workshop	2012, June 02	Paris, France	"MIR and Creation" workshop exposes the specialists' point of view on the MIRs of today and tomorrow in the creative domain - for composition, interaction, performances - or in the field of research for audio signals, for symbolic representations, or for data bases. The workshop is organised at the Manifeste Festival .	programme
NIME 2012	2012, May 21-23	Michigan, USA	The 12th International Conference on New Interfaces for Musical Expression. NIME is an annual interdisciplinary conference discussing contemporary topics in electronic musical interface design, research and practice.	programme
INFLA/FMA 2012	2012, April 19-20	Seville, Spain	The 3rd Interdisciplinary Conference in Flamenco Research (INFLA) and 2nd International Workshop on Folk Music Analysis (FMA). INFLA is an academic forum for flamenco research involving different disciplines and employing rigorous, wide-ranging methodologies. FMA gathers researchers who work in the area of folk music analysis with a special focus on computational models built from symbolic or audio data.	programme and proceedings
AdMIRE 2012	2012, April 17	Lyon, France	The 4th International Workshop on Advances in Music Information Research "The Web of Music". AdMIRE serves as a forum for theoretical and practical discussions of cutting edge research on Web technologies for music information research. Topics covered include Web mining for music information extraction, retrieval, and recommendation as well as mobile applications and services that make use of Web 2.0 technology.	proceedings
ICASSP 2012	2012, March 25-30	Kyoto, Japan	The 37th IEEE International Conference on Acoustics, Speech, and Signal Processing. ICASSP is the world's largest and most comprehensive technical conference focused on signal processing and its applications. The conference features world-class speakers, tutorials, exhibits, and over 50 lecture and poster sessions.	proceedings
1st CompMusic Workshop	2012, January 20	KIT-Gurgaon, India	First CompMusic Workshop: "Computational Models for Music Information Research" was organized by CompMusic as a satellite event of FRSM 2012 with the aim to give an overview of the Music Information Research of relevance to Hindustani and Carnatic music.	The workshop programme, videos of the talks and presenters' slides are available here
ISMIR 2011	2011, October 24-28	Miami, Florida, USA	The 12th International Society for Music Information Retrieval Conference. ISMIR is a unique place for discussing ideas, results, and issues with the representatives of academia, industry, entertainment, and education, including researchers and developers, educators and librarians, and students and professional users.	proceedings

Previous MIREs related conferences

Event##	Dates	Location	Description	Documentation & Proceedings
DAFx 2011	2011, September 19-23	Paris, France	The 14th International Conference on Digital Audio Effects	programme and proceedings
SMC 2011	2011, July 06-09	Padova, Italy	The 8th Sound and Music Computing Conference	programme and proceedings
NIME 2011	2011, May 30 - June 01	Oslo, Norway	The 11th International Conference on New Interfaces for Musical Expression	programme and proceedings
ICASSP 2011	2011, May 22-27	Prague, Czech Republic	The 36th International Conference on Acoustics, Speech and Signal Processing	proceedings
CMMR 2011	2011, March 9-12	Bhubaneswar, India	The 8th International Symposium on Computer Music Modeling and Retrieval, jointly with FRSM 2011	programme
DAFx 2010	2010, September 06-10	Graz, Austria	The 13th International Conference on Digital Audio Effects	programme and proceedings
ISMIR 2010	2010, August 09-13	Utrecht, Netherlands	The 11th International Society for Music Information Retrieval Conference	programme and proceedings
SMC 2010	2010, July 21-24	Barcelona, Spain	The 7th Sound and Music Computing Conference	programme and proceedings
CMMR 2010	2010, June 21-24	Málaga, Spain	The 7th International Symposium on Computer Music Modeling and Retrieval "Music Is In The Sound"	programme and proceedings
NIME 2010	2010, June 15-18	Sydney, Australia	The 10th International Conference on New Interfaces for Musical Expression	programme and proceedings
ICASSP 2010	2010, March 14-19	Dallas, Texas, USA	The 35th International Conference on Acoustics, Speech and Signal Processing	programme and proceedings

Figure 3. The MIREs Wiki Proceedings collection screenshot – bottom section