9th International Symposium on Computer Music Modeling and Retrieval

19-22 June 2012, Queen Mary University of London, UK
http://www.cmmr2012.eecs.qmul.ac.uk/

We are pleased to announce that the 9th International Symposium on Computer Music Modeling and Retrieval (CMMR) "Music and Emotions" will take place at Queen Mary University of London (QMUL) on 19-22 June 2012. CMMR 2012 is jointly organised by the Centre for Digital Music (QMUL) and the CNRS - Laboratoire de Mécanique et d'Acoustique (France). 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.

Theme: Music and Emotions

This year, we encourage the submission of contributions on the theme of "Music and Emotions". Music can undoubtedly trigger various types of emotions within listeners. The power of music to affect our mood may explain why music is such a popular and universal art form. This is probably due to the fact that, as human listeners, we are hard-wired to enjoy music. Music psychology studies have shown our ability to discriminate various types of expressive intentions and emotions in the composer/performer musical message. But the understanding of the genesis of musical emotions, the mapping of musical variables to emotional responses, and the automatic retrieval of high-level descriptors characterising emotions, remain complex research problems. Such problems can be addressed by a multitude of disciplines, including music information retrieval, musicology, music psychology and cognition, as well as fields like soundtrack composition.

Call for contributions

There are several opportunities to contribute to the CMMR 2012 program:
- by submitting papers which will be presented at the conference (oral or poster sessions),
- by proposing demonstrations of research results,
- by proposing panel sessions,
- by submitting music.

The authors of selected papers from CMMR 2012 will be invited to submit an extended version for the post-symposium proceedings which are planned to be published in the Springer Verlag Lecture Notes in Computer Sciences (LNCS).

Topics

Music and emotions (e.g. analysis, retrieval, synthesis)	Semantic web music technologies
Computational musicology	Structuring of audio data
Auditory perception and cognition	Cooperative music networks
Digital music libraries	Music and sound data mining
User studies (e.g. ethnography, usability of music software)	Sound synthesis
New methods for music representation and visualization	Optical music recognition
Retrieval and music recommendation tools	Sound source separation
Intelligent music tutoring systems	Music structure analysis
Music production and composition tools	Music transcription
Augmented musical instruments	Music games and interactive learning
Virtual reality and HCI related to music	Fashion and music technology
AI and cognitive science for sound and music	
Analysis, classification, and modeling of sound and music	

Organisation

Symposium Chairs
Mathieu Barthet, QMUL
Simon Dixon, QMUL

Proceedings Chairs
Richard Kronland-Martinet, CNRS-LMA
Solvi Ystad, CNRS-LMA
Mitsuko Aramaki, CNRS-LMA
Mathieu Barthet, QMUL
Simon Dixon, QMUL

Paper and Program Chairs
Richard Kronland-Martinet, CNRS-LMA
Mitsuko Aramaki, CNRS-LMA
Solvi Ystad, CNRS-LMA
Panos Kudumakis, QMUL

Demonstrations and Panel Chairs
Daniele Barchiesi, QMUL
Steven Hargreaves, QMUL

Music Chairs
Andrew McPherson, QMUL
Elaine Chew, QMUL

Organizing Committee
Daniele Barchiesi, QMUL
Emmanouil Benetos, QMUL
Luis Figueira, QMUL
Steven Hargreaves, QMUL
Sefki Kolozali, QMUL
Asma Rafiq, QMUL

IMPORTANT DATES

Submission of contributions:
18th January 2012

Notification of acceptance:
20th March 2012

Camera-ready paper deadline:
19th April 2012