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# Exploring Music Contents

7th International Symposium, CMMR 2010  
Málaga, Spain, June 21-24, 2010  
Revised Papers

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# Preface

Computer Music Modeling and Retrieval (CMMR) 2010 was the seventh event of this international conference series that was initiated in 2003. Since its start, the conference has been co-organized by the University of Aalborg, Esbjerg, Denmark (<http://www.aaue.dk>) and the Laboratoire de Mécanique et d'Acoustique in Marseille, France (<http://www.lma.cnrs-mrs.fr>) and has taken place in France, Italy and Denmark. The six previous editions of CMMR offered a varied overview of recent music information retrieval (MIR) and sound modeling activities in addition to alternative fields related to human interaction, perception and cognition.

This year's CMMR took place in Málaga, Spain, June 21–24, 2010. The conference was organized by the Application of Information and Communications Technologies Group (ATIC) of the University of Málaga (Spain), together with LMA and INCM (CNRS, France) and AAUE (Denmark). The conference featured three prominent keynote speakers working in the MIR area, and the program of CMMR 2010 included in addition paper sessions, panel discussions, posters and demos.

The proceedings of the previous CMMR conferences were published in the *Lecture Notes in Computer Science* series (LNCS 2771, LNCS 3310, LNCS 3902, LNCS 4969, LNCS 5493 and LNCS 5954), and the present edition follows the lineage of the previous ones, including a collection of 22 papers within the topics of CMMR. These articles were specially reviewed and corrected for this proceedings volume.

The current book is divided into five main chapters that reflect the present challenges within the field of computer music modeling and retrieval. The chapters span topics from music interaction, composition tools and sound source separation to data mining and music libraries. One chapter is also dedicated to perceptual and cognitive aspects that are currently the subject of increased interest in the MIR community. We are confident that CMMR 2010 brought forward the research in these important areas.

We would like to thank Isabel Barbancho and her team at the Application of Information and Communications Technologies Group (ATIC) of the University of Málaga (Spain) for hosting the 7th CMMR conference and for ensuring a successful organization of both scientific and social matters. We would also like to thank the Program Committee members for their valuable paper reports and thank all the participants who made CMMR 2010 a fruitful and convivial event. Finally, we would like to thank Springer for accepting to publish the CMMR 2010 proceedings in their LNCS series.

March 2011

Sølvi Ystad  
Mitsuko Aramaki  
Richard Kronland-Martinet  
Kristoffer Jensen

# Organization

The 7th International Symposium on Computer Music Modeling and Retrieval (CMMR2010) was co-organized by the University of Málaga (Spain) Aalborg University (Esbjerg, Denmark), and LMA/INCM-CNRS (Marseille, France).

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