More information about this series at http://www.springer.com/series/7409
Preface

The 12th International Symposium on Computer Music Multidisciplinary Research, CMMR 2016 “Bridging People and Sound” (http://cmmr2016.ime.usp.br), took place in São Paulo, Brazil on 5–8 July 2016 at the Computer Science and Music Departments located on the main campus of the University of São Paulo, the University City, which constitutes an amazing green area of the city.

This was the first time that CMMR had been organized on the American continent. CMMR 2016 was co-organized by the Computer Music Research Group (http://compmus.ime.usp.br/en), the NuSom - Research Centre on Sonology (http://www2.eca.usp.br/nusom/node/22), and the former “Audio Group” of the LMA - CNRS (Centre National de la Recherche Scientifique), Marseilles, France, which in January 2017 moved to the new laboratory PRISM (Perception, Representations, Image, Sound, Music - www.prism.cnrs.fr) - CNRS-AMU, Marseilles, France.

This year’s conference theme “Bridging People and Sound” aimed at encouraging contributions from artists and listeners on the one side and audio and music technology researchers on the other. A strong interest for the conference from the artistic community was revealed through the large number of music contributions (more than 60) that were submitted to the conference.

The scientific program contained 3 keynote presentations (Pedro Rebelo, SARC/QUB, Belfast, UK; Jônatas Manzolli, NICS/UNICAMP, Campinas, Brazil; and Sølvi Ystad, LMA-CNRS, France), seven paper sessions, one poster session, four demo sessions, and a panel discussion that concluded the conference. During the first 3 days of the conference, a series of 3 concerts with the selected music contributions was organized.

The CMMR 2016 post proceedings edition is the 12th CMMR proceedings volume published by Springer in the Lecture Notes in Computer Sciences series (LNCS 2771, LNCS 3310, LNCS 3902, LNCS 4969, LNCS 5493, LNCS 5954, LNCS 6684, LNCS 7172, LNCS 7900, LNCS 8905, and LNCS 9617). This year’s symposium edition contains a total of 22 peer-reviewed and revised articles. It has been divided into 7 sections containing various subjects that reveal the pluridisciplinary nature of the conference, spanning from technology-oriented questions related to music information retrieval and music structure analysis to music production systems, new musical interfaces, music composition, and multisensory inquiries.

We would like to thank all the participants of CMMR 2016, who contributed to making this 12th symposium a memorable happening. We would also like to thank the Program and Music Committee members for their indispensable selection tasks. We are very grateful to the Local Organizing Committee at the Computer Science and Music Departments of the University of São Paulo, who took care of the practical organization
and insured a smooth and efficient coordination between attendees, speakers, audiences, and musicians in both the scientific and artistic program. Finally, we would like to thank Springer for accepting to publish the CMMR 2016 post proceedings edition in their LNCS series.

July 2017

Richard Kronland-Martinet
Mitsuko Aramaki
Sølvi Ystad
The 12th International Symposium on Computer Music Multidisciplinary Research, CMMR 2016 “Bridging People and Sound”, was co-organized by the Computer Music Research Group, the NuSom - Research Centre on Sonology, and the former “Audio Group” of the LMA (now PRISM) - CNRS (Centre National de la Recherche Scientifique), Marseilles, France.

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