

Preface

The 11th International Symposium on Computer Music Multidisciplinary Research, CMMR2015 “Music, Mind and Embodiment” (<http://cmr.soc.plymouth.ac.uk/cmmr2015/>), was held in Plymouth during June 16–19, 2015, and was hosted by the Interdisciplinary Centre for Computer Music Research (ICCMR) in their newly built Performance Arts Centre, The House. The conference theme, “Music, Mind and Embodiment,” reflected the highly interdisciplinary research interests of this center, which span from musicology and composition to biomedical applications of music and development of new music technologies.

This 11th CMMR event, which was co-organized by the ICCMR and the LMA-CNRS (France), hosted delegates from Europe, Asia, Australia, and America over four days. The scientific program covered a total of ten oral sessions, three poster sessions, and four installations that included traditional topics of previous CMMR events and specific topics related to the theme of the conference and the specific research interests of ICCMR. Three keynote speakers were invited to the conference: Hugues Vinet (Director of Research and Development, IRCAM), David Rosenboom (Professor of Music and Dean of the School of Music at California Institute of the Arts), and Eduardo Miranda (Professor of Computer Music and Director of ICCMR). The symposium also included two satellite workshops, one on music neurotechnology and another on motion and music. In addition, a series of 3 concerts were held in the evenings after the scientific sessions.

The CMMR symposium was initiated in 2003 and has been organized in various cities in Europe and Asia. Although the CMMR acronym has remained unchanged since the first symposium, its meaning changed slightly from “Computer Music Modelling and Retrieval” to “Computer Music Multidisciplinary Research” in 2012 owing to the strong expansion of topics that were present in CMMR 2012, covering computer science, social science, and humanities. The CMMR 2015 proceedings volume is the 11th book 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). This year’s volume contains a total of 30 peer-reviewed and revised articles centered around the conference theme “Music, Mind and Embodiment.” It is divided into six sections devoted to various sound and technology issues with a particular emphasis on performance, music generation, composition, analysis, and information retrieval (Chapters 2 to 5), as well as relations between sound, motion, and gestures (Chapter 1) and human perception and culture (Chapter 6).

We would like to thank all the participants of CMMR2015 who contributed to make this 11th symposium a memorable happening. We would also like to thank the Program Committee members for their indispensable paper reports and the Music Committee for selecting the music contributions. We are very grateful to the local Organizing Committee at the ICCMR, who took care of all the practical issues 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 2015 proceedings in their LNCS series.

June 2016

Richard Kronland-Martinet
Mitsuko Aramaki
Sølvi Ystad

Music, Mind, and Embodiment

11th International Symposium, CMMR 2015, Plymouth,

UK, June 16-19, 2015, Revised Selected Papers

Kronland-Martinet, R.; Aramaki, M.; Ystad, S. (Eds.)

2016, XIII, 483 p. 287 illus., 100 illus. in color., Softcover

ISBN: 978-3-319-46281-3