

## Preface

This volume contains the final proceedings for the 2004 Computer Music Modeling and Retrieval Symposium (CMMR 2004). This event was held during 26–29 May 2004 in Esbjerg, Denmark on the joint campus area of Aalborg University Esbjerg and the University of Southern Denmark, Esbjerg. CMMR is an annual event focusing on important aspects of computer music. CMMR 2004 is the second event in this series. CMMR 2003, which was held in Montpellier, France in May 2003, was a great success and attracted high-quality papers and prominent researchers from the field of computer music. The CMMR 2003 postsymposium proceedings was published by Springer in the Lecture Notes in Computer Science series (LNCS 2771). CMMR 2004 was jointly organized by Aalborg University Esbjerg in Denmark and LMA, CNRS, Marseille in France (in cooperation with ACM SIGWEB).

The use of computers in music is well established. CMMR 2004 provided a unique opportunity to meet and interact with peers concerned with the cross-influence of the technological and creative in computer music. The field of computer music is interdisciplinary by nature and closely related to a number of computer science and engineering areas such as information retrieval, programming, human computer interaction, digital libraries, hypermedia, artificial intelligence, acoustics, signal processing, etc. The event gathered many interesting people (researchers, educators, composers, performers, and others). There were many high-quality keynote and paper presentations, that fostered inspiring discussions. I hope that you find the work presented in these proceedings as interesting and exciting as I have.

First of all, I would like to thank the Program Chair Richard Kronland-Martinet for the very fruitful cooperation during the organization of this second event in the CMMR series. I would also like to thank my colleagues Laura Hyland, Stefania Serafin, and Lars Graugaard for their help in organizing the event. Finally, this volume would not have been possible without the help of Springer, Heidelberg. In particular, I would like to thank the computer science editor, Christine Günther, and the executive editor of the LNCS series, Alfred Hofmann.

October 2004

Uffe Kock Wiil

# Organization

CMMR 2004 was jointly organized by Aalborg University Esbjerg, Denmark and LMA, CNRS, Marseille, France.

## Symposium Chair

Uffe Kock Wiil (Aalborg University Esbjerg, Denmark)

## Local Arrangements and Publicity

Uffe Kock Wiil (Aalborg University Esbjerg, Denmark)  
Laura Hyland (Aalborg University Esbjerg, Denmark)  
Stefania Serafin (Aalborg University Esbjerg, Denmark)  
Lars Graugaard (Aalborg University Esbjerg, Denmark)

## Program Committee

Chair: Richard Kronland-Martinet (LMA, CNRS, Marseille, France)

Members: Jens Arnsfang (Aalborg University Esbjerg, Denmark)  
Philippe Depalle (McGill University, Montreal, Canada)  
Barry Eaglestone (University of Sheffield, UK)  
Anders Friberg (Royal Institute of Technology, Sweden)  
Goffredo Haus (University of Milan, Italy)  
David L. Hicks (Aalborg University Esbjerg, Denmark)  
Henkjan Honing (University of Amsterdam, The Netherlands)  
Kristoffer Jensen (University of Copenhagen, Denmark)  
Matti Karjalainen (Helsinki University of Technology, Finland)  
Henrik Legind Larsen (Aalborg University Esbjerg, Denmark)  
Brian Mayoh (University of Aarhus, Denmark)  
Jocelyne Nanard (LIRMM, Montpellier, France)  
Marc Nanard (LIRMM, Montpellier, France)  
Peter J. Nürnberg (Aalborg University Esbjerg, Denmark)  
François Pachet (Sony Research Lab, France)  
Violaine Prince (LIRMM, Montpellier, France)  
Esben Skovenborg (TC Electronic, Denmark)  
Julius Orion Smith III (Stanford University, USA)  
Leonello Tarabella (CNR, Pisa, Italy)  
Daniel Teruggi (INA, Paris, France)  
Hugues Vinet (IRCAM, Paris, France)  
Gerhard Widmer (University of Vienna, Austria)  
Sølvi Ystad (LMA, CNRS, Marseille, France)

## Music Selection

Chair: Lars Graugaard (Aalborg University Esbjerg, Denmark)

## **Sponsoring Institutions**

Aalborg University Esbjerg, Denmark

University of Southern Denmark, Esbjerg, Denmark

Vestjysk Musikkonservatorium (Esbjerg Music Conservatory), Denmark

Seminariets Uddannelsesfond, Esbjerg, Denmark

LMA, CNRS, Marseille, France