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Malika Auvray · Christian Duriez (Eds.)

# Haptics: Neuroscience, Devices, Modeling, and Applications

9th International Conference, EuroHaptics 2014  
Versailles, France, June 24–26, 2014  
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## Preface

Welcome to the proceedings of the EuroHaptics 2014 conference. EuroHaptics is the primary European conference in the field of haptics and extends far beyond this frontier, attracting researchers from all over the world. This year, the authors represented 24 countries, with 42 % of them coming from Europe, 36 % from Asia, 17 % from America, and 5 % from Oceania.

EuroHaptics 2014 took place in Versailles, France, during June 24–27. We received a total of 183 submissions for the full-paper category. The review process led to 118 of these being accepted for publication. These papers were presented at the conference either as oral presentations (36) or as poster presentations (82). In the proceedings, the two types of presentation were considered as equal with no distinction being made between them. Furthermore, 27 demos were exhibited, each of them resulting in a short paper included in the proceedings. In addition, we are grateful to the three distinguished researchers who took part in the conference as keynote speakers: Aude Oliva, Karon McLean, and Jörg Sennheiser.

Conferences would not be possible without the challenging work conducted by the referees. This year the selection of papers was based on 627 reviews supervised by the 46 members of the Program Committee, aided by 321 external reviewers. On behalf of the EuroHaptics 2014 Organizing Committee, we would like to thank the members of the Program Committee and the reviewers for their remarkable effort. These proceedings reflect the multidisciplinary nature of EuroHaptics with articles in human–computer interaction, human–robot interactions, neuroscience, perception and psychophysics, biomechanics and motor control, modelling and simulation, all involving a broad range of applications in medicine, rehabilitation, art, and design. This variety highlights that the field of haptics is of interest in many areas of science and technology all over the world. We hope that readers will enjoy the diversity of topics and disciplines linked to haptics present in the proceedings.

It is our pleasure to acknowledge all the people involved in the organization of this event, making EuroHaptics 2014 a memorable event. We would like to express our gratitude to the organizations that supported this event (the CNRS, the ISIR, the UPMC) and to our Platinum (Continental, Mercedes-Benz), Gold (CEA LIST, Technicolor), and Silver (Haption, Force Dimension, Immersion, Senseg, Elitac, Vibreight, Aito) sponsors. We also thank the organizing students for their precious help. Finally, we would like to acknowledge in particular General Chair Vincent Hayward, who spared no effort in the preparation of this conference and whose commitment and endless expertise in the field of haptics generated constant admiration throughout this adventure.

May 2014

Malika Auvray  
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