

Preface

This book contains the contributions to the Second International Conference on Augmented and Virtual Reality (SALENTO AVR 2015) that has held in Lecce (Italy) from August 31 to September 3, 2015. We cordially invite you to visit the SALENTO AVR website <http://www.salentoavr.it> where you can find all relevant information about this event.

The aim of SALENTO AVR 2015 was to bring a community of researchers from academia and industry, computer scientists, engineers, and physicians together in order to share points of views, knowledge, experiences, and scientific and technical results related to state-of-the-art solutions and technologies on virtual and augmented reality applications for medicine, cultural heritage, education, industrial sectors, as well as the demonstration of advanced products and technologies.

This edition of SALENTO AVR ranged over topics from virtual/augmented/mixed reality to 3D user interfaces and the technologies needed to develop applications in many areas such as medicine, entertainment, arts and cultural heritage, the military field, industry, and maintenance. These topics were addressed in paper sessions, demos, and poster sessions.

In this edition of SALENTO AVR, we were honored to have the following invited speakers:

- Monica Bordegoni, full Professor at the Department of Mechanical Engineering, School of Design of the Politecnico di Milano, Italy
- Patrick Bourdot, Research Director at the CNRS/LIMSI, Paris-Sud University, France
- Stéphane Cotin, Research Director at the Inria, France
- Fabrizio Funtò, Hyperreality Partner, Los Angeles, CA, USA
- Luigi Gallo, Research Scientist at the National Research Council of Italy (CNR), Institute for High-Performance Computing and Networking (ICAR), Italy
- Sofia Pescarin, Researcher at the Institute of Technologies applied to Cultural Heritage, National Research Council (CNR ITABC), Italy

We are very grateful to the Program Committee and local Organizing Committee members for their support and for the time spent to review and discuss the submitted papers and doing so in a timely and professional manner.

We would like to sincerely thank the keynote and tutorial speakers who willingly accepted our invitation and shared their expertise through illuminating talks, helping us to fully meet the conference objectives.

We extend our thanks to the University of Salento for the enthusiastic acceptance to host the conference and the sponsors for providing support in the organization of the event.

Last but not least, we would like to thank all authors for submitting their papers and presenting their works at the conference and all the conference attendees for making

SALENTO AVR an excellent forum on virtual and augmented reality, facilitating the exchange of ideas, fostering new collaborations, and shaping the future of this exciting research field.

For greater readability of the volume, the presented paper are classified into seven main parts that include contributions on:

- Applications in Cultural Heritage
- Augmented and Mixed Reality
- Applications in Medicine
- Applications in Industry
- Interfaces
- Short Papers

We hope the readers will find in these pages interesting material and fruitful ideas for their future work.

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