

# SPWID 2015

## Foreword

The First International Conference on Smart Portable, Wearable, Implantable and Disability-oriented Devices and Systems (SPWID 2015), held between June 21-26, 2015, in Brussels, Belgium, is an inaugural event bridging the concepts and the communities dealing with specialized implantable, wearable, near-body or mobile devices, including artificial organs, body-driven technologies, and assistive services

Mobile communications played by the proliferation of smartphones and practical aspects of designing such systems and developing specific applications raise particular challenges for a successful acceptance and deployment.

We take here the opportunity to warmly thank all the members of the SPWID 2015 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to SPWID 2015. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the SPWID 2015 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that SPWID 2015 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the areas of smart portable devices and systems.

We are convinced that the participants found the event useful and communications very open. We hope that Brussels, Belgium, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

### **SPWID 2015 Chairs:**

#### **SPWID Advisory Chairs**

Wim L.C. Rutten, Biomedical Engineering Department, University of Twente, The Netherlands

Michael R. Neuman, Department of Biomedical Engineering, Michigan Technological University, USA

Maeve Duffy, Department of Electronic Engineering, NUI Galway, Ireland