

BRAININFO 2016

Foreword

The First International Conference on Neuroscience and Cognitive Brain Information (BRAININFO 2016), held between November 13-17, 2016 - Barcelona, Spain was dedicated to evaluate current achievements and identify potential ways of making use of the acquired knowledge, covering, the neuroscience, brain connectivity, brain intelligence paradigms, cognitive information, and specific applications.

Complexity of the human brain and its cognitive actions stimulated many researches for decades. Most of the findings were adapted in virtual/artificial systems in the idea of brain-like modeling them and used in human-centered medical cures, especially for neurotechnologies. Information representation, retrieval, and internal data connections still constitutes a domain where solutions are either missing or in a very early stage.

We take here the opportunity to warmly thank all the members of the BRAININFO 2016 Technical Program Committee, as well as the numerous reviewers. The creation of such a 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 BRAININFO 2016. 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 BRAININFO 2016 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that BRAININFO 2016 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the area of neuroscience and cognitive brain information.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the charm of Barcelona, Spain.

BRAININFO 2016 Chairs:

BRAININFO 2016 Advisory Committee

Marius George Linguraru, Children's National Medical Center | George Washington University School of Medicine and Health Sciences, Washington D.C., USA

Pengyu Hong, Brandeis University, USA

Erwin Lemche, Institute of Psychiatry, Psychology & Neuroscience | King's College School of Medicine and Dentistry, UK

Ramesh Krishnamurthy, Health Systems and Innovation Cluster, World Health Organization - Geneva, Switzerland

Irini Giannopulu, Pierre & Marie Curie University - Paris VI, France