

# Preface

The International Conference on Frontiers of Signal Processing (ICFSP) aims at providing researchers, engineers, academics and industrial professionals a common ground for presenting and discussing their results and developments, for establishing business or research partnerships and for finding global partners for future collaboration.

While the core of the FSP conference lies in signal processing, the topics gather all modern fields related to Adaptive Filtering & Signal Processing, Bio-Imaging and Signal Processing and Hardware Implementation for Signal Processing.

As demonstrated in the previous years, ICFSP provides an opportunity for academic and industry scientists and engineers from all over the world to freely interact and to exchange new ideas and research outcomes in related fields in a tightened and free environment. The conference also aims at motivating the next generation of researchers to promote their interests in signal processing.

ICFSP 2019 is the 5<sup>th</sup> event in the series. As usual, the ICFSP organizing committee has invited several experts in selected research domains to give keynote talks at the conference.

The proceedings contain 29 papers which were selected from a total of 55 papers submitted to the conference. After a rigorous reviewing process, each selected paper was presented, orally or as a poster, within the frame of the traditional sessions of the conferences.

We would like to express our grateful thanks to the conference program chairs and to committee members, and to all the reviewers for their dedication and efforts in reviewing the submitted papers. Of course, we thank all the participants for their valuable contributions to ICFSP 2019.

Last but not least, we would like to thank our sponsors (in alphabetical order):

Aix-Marseille Université  
Centrale Marseille  
IEEE France and IEEE Signal Processing

Conference Chairs

Dr. Jacques Blanc-Talon, DGA, France

Prof. Krzysztof Szczypiorski, Warsaw University of Technology, Poland

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