

## Welcome to IEEE SPAWC 2020

On behalf of the organization committee, we would like welcome you to the 21<sup>st</sup> *IEEE International Workshop on Signal Processing Advances in Wireless Communications* (IEEE SPAWC 2020), scheduled on May 26 to 29, 2020, which originally planned to hold in Atlanta, Georgia, USA, now turns into a virtual conference due to COVID-19.

The IEEE SPAWC is the conference uniquely sponsored by the *Signal Processing for Communications and Networking* (SPCOM) *Technical Committee* (TC) of the *IEEE Signal Processing Society* (SPS). As you know, wireless communications have changed every aspect of our life in the last couple decades and signal processing, ranging from traditional to machine learning-based techniques, plays a critical role to make this happen. As a tradition, IEEE SPAWC 2020 is being organized to promote use of our signal processing talents in wireless communications and to inspire more contributions to the area.

IEEE SPAWC 2020 features 3 three very interesting and timely plenary talks on different topics in artificial signal processing and communications. In addition to one presentation of the accepted article from *IEEE Signal Processing Letters*, around 140 carefully-selected technical contributions, organized into regular and special sessions, will be presented at IEEE SPAWC 2020. Details on the conference can be found at <https://spawc2020.netlify.app/>. Without a doubt, you will find IEEE SPAWC 2020 an ideal place for learning new topics, exchanging exciting ideas, and meeting friends, new or old, over the cyberspace.

We would like to express our gratitude to IEEE SPS SPCOM TC, especially the current chair, Professor J. Jaldén, and the past chair, Prof. W. Yu, for their strong support. We also greatly appreciate IEEE SPS VP Conference, Dr. F. Pereira, and IEEE SPS Staff, Ms. L. Cottatellucci, Ms. N. Allen, Ms. C. Johnson, etc. for their instruction and advising that smoothly convert IEEE SPAWC 2020 into a virtual conference. Last but not least, we feel grateful to our organization committee, including the Technical Program Chairs, Professors Z. Wang, J. Tugnait, and J. Coon, the Financial Chair, Professor I. Schizas, the Industrial Sponsor Chair, Dr. L. Liang, the Publications Chair, Prof. A. G. Marques, the Publicity and Web Chair, Prof. X.-W. Zhou, and the Local Arrangement Chair, Dr. Brian Beck, for their efforts during this special period.

We are looking forward to seeing you at the cyberspace of IEEE SPAWC 2020.

Sincerely

Geoffrey Li and Xiaoli Ma

