

## **WELCOME TO WTS 2019**

Welcome to the eighteenth annual Wireless Telecommunications Symposium, WTS 2019, “Global Wireless Communications: Now and in the Future.” We hope that it will be a stimulating and rewarding experience for you. During the next four days of invited speakers’ presentations, accepted paper sessions, workshops, tutorials and a panel discussion, WTS 2019 will explore a wide range of multidisciplinary wireless communications, mobile computing, and emerging media topics in depth.

The WTS 2019 Technical Program Committee received paper submissions from authors around the world, covering a wide area of topics. We thank all the authors who submitted papers and proposals to WTS 2019, the many reviewers who reviewed them, and the co-chairs, mini-symposium chairs, track chairs and technical program committee members for coordinating the paper and proposal evaluation and selection process. We also thank the WTS support personnel for their tireless efforts and contributions behind the scene. Producing an event like WTS 2019 is not an easy task, and they did a masterful job. In addition, the WTS Committee is grateful to the IEEE Communications Society, and its Communications & Information Security Technical Committees for their technical support for WTS 2019, and to the distinguished invited speakers representing the global wireless telecommunications industry for having taken time to participate in the conference and help us organize the program.

Finally, special thanks go to many organizations that have contributed to the conference or lent it financial support. Notable among the contributors and donors are Cal Poly Pomona’s College of Business Administration and College of Engineering; and Cal Poly Pomona’s Computer Information Systems and Electrical & Computer Engineering Departments.

On behalf of the WTS 2019 Committee -- Welcome to WTS 2019!

Dr. Steven Powell, WTS General Chair

Dr. Thomas Ketseoglou, WTS Assistant Chair