

Microwave Education Around the World

- For Future Wireless Communications and Sensing from Megahertz to Terahertz

HOME / MICROWAVE EDUCATION AROUND THE WORLD

26 November 2021 (15:00-16:30 UTC+8)

IEEE MTT-S Distinguished Microwave Instructor



Prof. Maurizio Bozzi

Prof. Bozzi (IEEE Fellow) received the Ph.D. degree in electronics and computer science from the University of Pavia, Italy, where he is currently a full professor. He was also with the University of Darmstadt, Germany, and the École Polytechnique of Montréal, Canada. His research interests include substrate integrated waveguide, sensors, and novel materials and technologies for microwave circuits.



Prof. Quan Xue

Prof. Xue (IEEE Fellow) received Ph.D. degree in electronic engineering from the University of Electronic Science and Technology of China, Chengdu, China. He was with the City University of Hong Kong. He is now a full professor with South China University of Technology. His current research interests include microwave circuits and antennas for 5G and 6G mobile communications.



Prof. Rodica Ramer

Prof. Ramer received the B.E., M.E. and Ph.D. degree in solid-state physics from the University of Bucharest. She has been with University of New South Wales, Sydney, Australia, where she is currently a full professor. She has published over 200 research articles in the areas of the microwave circuits for wireless and communications applications.

The Distinguished Microwave Instructor (DMI)

- The DMI program is supported by the IEEE Microwave Theory and Techniques Society (MTT-S), which aims to stimulate the interests among undergraduate or tertiary students to bridge the pathway to the development of future wireless communications and sensing systems.
- Through the DMI program, world-famous educators and engineers will introduce the history of wireless technologies, the evolution of modern wireless systems, and the cutting-edge wireless applications to be used in our daily lives in the foreseeable future. These DMIs will also share their own experience of growth.

Being A Part of The DMI Program

- The DMIs will reveal the mysterious veil of wireless technologies and show you the long journey of wireless technologies from traditional applications 30 years ago (radio, TV and analog mobile phone) to today's portable devices and wearable/implantable wireless sensors.
- The participants will learn about ground-breaking achievements that microwave and wireless technologies have made to human civilization.
- By engaging with the DMIs, the participants will have access to excellent educational resources, touch the evolution of microwave engineering and feel the changes in the world through vibrant technologies of 5G/6G wireless communications, virtual reality, telepresence and automotive radar in unmanned vehicles.