



# The 2022 IEEE 2nd Ukrainian Microwave Week

By Mariya Antyufeyeva, Chair, EMC Society Women in Engineering Committee

The IEEE 2nd Ukrainian Microwave Week took place in an online format on November 14-18, 2022. I had the pleasure and honor of chairing this event, representing my two current affiliations V. N. Karazin Kharkiv National University, Kharkiv, Ukraine and Newcastle University, Newcastle, UK. The Ukrainian Microwave Week is organized to unite several international Microwave, Antennas, and Radar conferences, workshops, and symposia which are traditionally held in the Ukraine. As a result, in 2020, four IEEE conferences (IEEE International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves (MSMW); IEEE International Conference on Antenna Theory and Techniques (ICATT); IEEE International Symposium on Microwaves, Radar and Remote Sensing (MRRS); and IEEE International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS)) were united into one common event: "IEEE Ukrainian Microwave Week." In 2022, an additional IEEE conference, IEEE International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED), also joined the Ukrainian Week.

The focus of the 2022 Week was on Microwaves, Millimeter, and Submillimeter Waves, Antenna Theory and Techniques, Radar and Remote Sensing, Ultrawideband and Ultrashort Impulse Signals, Electromagnetic Compatibility, Electromagnetic Direct and Inverse Problems, Electromagnetic Theory, Geomagnetism, and Acoustics. This event was organised by the IEEE Ukraine Section and Chapters, including the IEEE Ukraine Section (Kharkiv) SP/AP/C/EMC/COM Societies Joint Chapter, with support of the European Microwave Association and IEEE MTT Society. More than 25 technical sessions were held at this event, containing a tremendous amount of professional material on the conference topics.

For the first time, the 2022 edition of the Ukrainian Microwave Week featured a special session on Women in Engineering (WIE). The Chair of the WIE session was Dr. Malgorzata Celuch (QWED Sp. z o.o., Poland), co-author of QuickWave EM and multiphysics software, co-founder and President of QWED, and team leader in

the European Horizon 2020 Project NanoBat ([www.nanobat.eu](http://www.nanobat.eu)), which greatly assisted in the event's organization.

The theme "Diversity, Equity, and Inclusion" brought together a wide variety of speakers, including distinguished members of the IEEE MTT Society. Prof. Rashaunda Henderson (the University of Texas at Dallas, United States, IEEE MTT-S President) welcomed the participants and shared her career path from industry to academia. Janine Jost (European Research and Project Office GmbH, Germany; H2020 Project NanoBat) shared with the WIE event attendees about the various opportunities provided by European frameworks and offers to the researchers. Prof. Jasmin Grosinger (Technische Universität Graz, Austria), shared her professional story and in particular, how she has become a successful Distinguished Microwave Lecturer with the IEEE MTT Society.

The speech of Dr. Kiki Ikossi (George Mason University, United States) titled "WIE Overcoming Adversity – and Thriving" made a huge impression on the audience. The story of her professional and life experiences was especially up-to-date for many attendees of the event, because the starting of Kiki's career was during the context of one of the hardest times in Cyprus history, i.e. the 1974 Cypriot coup d'état and Turkish invasion of Cyprus.

Dr. Agnieszka Konczykowska (ADesign, France) illustrated her path from academia to industrial research. Finally, career challenges of Young Professionals were presented by Cerine Mokhtari (IEMN, France).

I am thankful to all those who contributed towards making this event such a success.

I am also taking this opportunity to announce the EMC Society's WIE events to be held during the 2023 IEEE EMC+SIPI Symposium in Grand Rapids, US, and within the EMC Europe 2023 Conference in Kraków, Poland. Everyone is invited! Please see the next issue of the IEEE EMC Magazine for more information about these upcoming events in 2023.

**EMC**



Frank van den Bogaart, President, European Microwave Association (EuMA), provided a Welcome Address on behalf of his organization during the opening ceremony.



The Chair of the WIE session, Dr. Malgorzata Celuch, is a team leader in the European Horizon 2020 Project NanoBat, which greatly assisted in the event's organization.



2022 IEEE MTT Society President, Prof. Rashaunda Henderson (University of Texas at Dallas, United States), shared her career path from industry to academia during the WIE session.



Janine Jost (European Research and Project Office GmbH, Germany; H2020 Project NanoBat) informed WIE session attendees about the various opportunities provided by European frameworks.



Prof. Jasmin Grosinger was an invited speaker in the WIE session.



Prof. Jasmin Grosinger (Technische Universität Graz, Austria), shared her professional story and in particular, how she has become a successful Distinguished Microwave Lecturer with the IEEE MTT Society.



Dr. Agnieszka Konczykowska (ADesign, France) illustrated her path from academia to industrial research as part of the WIE session.



Dr. Mariya Antyufeyeva (V. N. Karazin Kharkiv National University, Kharkiv, Ukraine and Newcastle University, Newcastle, UK) chaired the IEEE 2nd Ukrainian Microwave Week and supported the WIE session.