Unveiling of the fist IEEE Milestone in Ukraine, “Zenit Parabolic Reflector L-band Pulsed Radar 1938”

On October 14, 1938, the first successful field test of Zenit, two-antenna L-band pulsed radar, was performed in Kharkiv demonstrating the ability to accurately determine all three coordinates of a flying airplane. Importance of that event was tremendous as at that time existing systems were able to determine only two coordinates of targets. Zenit succeeded in overcoming this drawback thanks to the lucky combination of two principal innovations: it used pulsed method and worked with shorter than common waves of the 60-65 cm wavelength.

To commemorate this major advance in the development of radar, a ceremony will be held at the School of Radiophysics, Biomedical Electronics and Computer Systems of the V. N. Karazin Kharkiv National University on November 21, 2019 at 14:00 hrs. During the ceremony, the unveiling of a commemorative plaque will take place in recognition of the IEEE Milestone “Zenit Parabolic Reflector L-band Pulsed Radar 1938”. Only a few places worldwide receive such a very special honor from IEEE after careful examination. Following the unveiling, IEEE East Ukraine Joint Chapter of AES, AP, ED, GRS, MTT, and NPS Societies invites the ceremony attendees to a welcome reception.

For the Ukrainian microwave and radar community, it is of high importance and honour that with this IEEE Milestone, remarkable work of Abram Slutskin, Oleksandr Usikov, and Semion Braude, microwave scientists and magnetron pioneers, has gained international recognition.

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IEEE Ukraine Section (East) Joint Chapter Chairperson
http://www.rocket.kharkov.ua/~euachapter/