

Track 1: Microwave Techniques, Antennas & Radar Systems
Regular Papers

August 27, 2021

Moderator: Mariya Antyufeyeva; Mykhaylo Andriychuk

Please click the link below to join the webinar (Passcode: 272827):

<https://us06web.zoom.us/j/86356032615?pwd=TnFPeFJyeW5uRDhsYVpwQ1pIOWVhUT09>

Time	EasyChair #	Speaker	Organization, Country	Topic
16:30 - 16:45	97	Sergii Dukhopelnykov	Institute of Radio-Physics and Electronics NASU, Ukraine	Lasing Eigenvalue Problem for a Circular Quantum Wire Partially Covered with Graphene
16:45 - 17:00	138	Denys Natarov	Institute of Radio-Physics and Electronics NASU, Ukraine	Frequencies and thresholds of transversal plasmon modes of a laser shaped as circular quantum wire wrapped in graphene cover
17:00 - 17:15	137	Fedir Yevtushenko	Institute of Radio-Physics and Electronics NASU, Ukraine	Basic Equations of the Lasing Eigenvalue Problem for Graphene Strips-on-Substrate Grating, H-Polarization
17:15 - 17:30	67	Dariia Herasymova	Institute of Radio-Physics and Electronics NASU, Ukraine	Electromagnetic eigenvalue problem for twin dielectric rods covered with graphene: symmetry classes of the H-polarized supermodes
17:30 - 17:45	38	Mykhayko Andriychuk	Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, NASU, Ukraine	Electrodynamical Model of Linear Array Consisting of Inclined Semitransparent Elements
17:45 - 18:00	37	Maksym Popov	Taras Shevchenko National University of Kyiv, Ukraine	Measurements of the Cubic Anisotropy Field in the (111) Thin Magnetic Films
18:00 - 18:15	124	Oleksandr Vernyhor	Lviv Polytechnic National University, Ukraine	Optical Properties and Field Distribution of Spherical Copper Monosulfide Particles
18:15 - 18:30	154	Oleksandra Yeremenko	Kharkiv National University of Radio Electronics, Ukraine	Research of Improved Traffic Engineering Fault-Tolerant Routing Mechanism in SD-WAN
18:30 - 18:45	59	Stepan Piltyay	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Compact Posts-Based Waveguide Polarizer for Satellite Communications and Radar Systems