

Andreev, Mykhail			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	11:30--11:45	Comparative Analysis of the Accuracy of Estimating the Zeros of Frequency Characteristics Using Fractional-Rational Approximation Methods

Andriychuk, Mykhaylo			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	14:00--14:15	Optimization of Parameters of Quasioptical Transmission Line

Antonenko, Yevhenii			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements

Antonenko, Yuliia			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures

Avdeyenko, Gleb			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:15--12:30	Tunable Transmission Line Resonators with Stubs
DIPED	20 Aug (Thu)	12:45--13:00	Frequency Stabilization of Transmission Line Resonators With Capacitive Load

Averkov, Oleg			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:45--16:00	Negative Dispersion and Resonant Mode Hybridization in a Six-Layer Metasurface-Dielectric-Semiconductor Structure
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Averkov, Yuriy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:45--16:00	Negative Dispersion and Resonant Mode Hybridization in a Six-Layer Metasurface-Dielectric-Semiconductor Structure
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Averyanova, Yuliya			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:15--14:30	Real-Time Atmospheric Sensing Using the Multiple UAVs

Beletskii, Mykola			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:45--16:00	Negative Dispersion and Resonant Mode Hybridization in a Six-Layer Metasurface-Dielectric-Semiconductor Structure

Berdnyk, Serhii			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures
ICATT	18 Aug (Tue)	13:30--13:45	Radiation Patterns of Circular Polarized Multi-Band Corner Reflector Antenna
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements
ICATT	18 Aug (Tue)	14:00--14:15	Band Properties of Circular Polarized Corner Antenna under Maximum Directivity

Bessarabova, Valeriia			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:15--15:30	Remote Sensing of Extreme Storm-Time Ionosphere: Global Characteristics and Features

Bielousov, Oleksii			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:00--12:15	Single-Port Quadrifilar Loop Antenna for Counter-UAV EW Applications

Biloshenko, Oleksandr			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:15--14:30	Electron-Beam Diffraction Radiation in Graphene Sheet-Dielectric Waveguide with Finite Graphene Strip Grating
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Bogomaz, Oleksandr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:45--17:00	A Long-Range Three-Position Network for Measuring Tweek-Atmospherics

Bokhan, Ivan			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:00--12:15	Single-Port Quadrifilar Loop Antenna for Counter-UAV EW Applications

Borulko, Valentyn			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:00--15:15	Eigenfrequencies of Loaded Ultrasonic Transducers

Botsula, Oleg			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization

Brovenko, Andriy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Buhai, Maksym			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	17:30--17:45	Neural Network–Based Inversion of Radar Cross Section for a Three-Point Scatterer System

Burambayeva, Nursuale			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Cambel, Vladimir			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Cherniavskiy, Vladyslav			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:30--13:45	Radiation Patterns of Circular Polarized Multi-Band Corner Reflector Antenna
ICATT	18 Aug (Tue)	14:00--14:15	Band Properties of Circular Polarized Corner Antenna under Maximum Directivity

Chernogor, Leonid			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:00--15:15	Amplitude and Phase Scintillations of L-Band Radio Waves of GNSS
MRRS	17 Aug (Mon)	15:15--15:30	Remote Sensing of Extreme Storm-Time Ionosphere: Global Characteristics and Features
MRRS	17 Aug (Mon)	16:15--16:30	Remote Sensing of the Ionosphere: The Impact of Geomagnetic Storms on Global Electron Content
MRRS	17 Aug (Mon)	17:00--17:15	Radio Facility for Multi-Path Frequency-Angle Remote Sensing of the Ionosphere
MRRS	17 Aug (Mon)	17:15--17:30	Remote Sensing of the Disturbed Ionosphere During May 10-11, 2024, Extreme Geospace Storm
UWBUSIS	18 Aug (Tue)	16:15--16:30	Fractal and Multi-Fractal Analysis of the Infrasonic Ultra-Wideband Processes Propagating in the Atmosphere
DIPED	20 Aug (Thu)	15:30--15:45	The Multi-Step Severe Geomagnetic Storm of March 21-26, 2024: A Comparative Analysis, Global Features and Energetics
DIPED	20 Aug (Thu)	15:45--16:00	Acoustic Effect of a Powerful Submarine Earthquake
DIPED	20 Aug (Thu)	16:00--16:15	Severe Geomagnetic Storm in August 2024

Darsavelidze, Ivane			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:00--12:15	On the Synthesis of a Compact Multipole Source for a Two-Dimensional Scalar Field with a Rotating Wavefront
DIPED	20 Aug (Thu)	12:30--12:45	On New Structures of Multipole Sources of Monochromatic Scalar Fields Described by Spherical Wave Functions
DIPED	20 Aug (Thu)	13:00--13:15	On the Synthesis of a Compact Multipole Source for a Three-Dimensional Scalar Field with a Rotating Wavefront

Degtyarev, Andrey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:45--14:00	Tight focusing of Terahertz Vortex Beams Formed by Radially Polarized Modes

Derer, Jan			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Derkach, Vadim			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:00--11:15	Spectral Mechanism of Interference Reflection in Multi-Slot Irises of a Circular Waveguide

Di Michele, Federica			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition

Drobakhin, Oleg			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	14:15--14:30	Investigation of a Microwave Rectifier for Pulsed LFM Signals
UWBUSIS	18 Aug (Tue)	15:45--16:00	Broadband Permittivity Estimation from Reflection Coefficients Using a Hybrid CNN-SVD Framework
MMET	19 Aug (Wed)	11:30--11:45	Comparative Analysis of the Accuracy of Estimating the Zeros of Frequency Characteristics Using Fractional-Rational Approximation Methods
DIPED	20 Aug (Thu)	14:45--15:00	Robust Real-Time Estimation of Dielectric Permittivity from Ultra-Wideband Reflection Coefficients Using Deep Learning

Dubinin, Mykola			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:45--14:00	Tight focusing of Terahertz Vortex Beams Formed by Radially Polarized Modes

Dudnik, Andriy			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Dukhopelnykov, Sergii			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:00--12:15	Directivity of Multilayered Microlasers Featuring Silver Film and Distributed Bragg Reflectors
MMET	19 Aug (Wed)	13:30--13:45	Backscattering Behavior of a Plane Wave Incident on a Partially Graphene-Coated Luneburg Lens
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition
MMET	19 Aug (Wed)	14:45--15:00	E-Wave Plane-Wave Scattering by Sinusoidal Open PEC Strips via the Method of Discrete Singularities

Dzyubenko, Mikhail			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:30--14:45	Using Gradient Gratings for Efficiency Enhancement of THz Vortex Laser Beams Forming

Eichler, Taro			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:00--11:15	Characterization of Helicopter Rotor Blade Modulation in UHF and Microwave Bands

Fesenko, Andriy			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Filinskyy, Leonid			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:30--16:45	Millimeter Waves Reflection in the Range from 38 till 52 GHz from a Water-Based Foam Layer of Various Thicknesses on a Metal Substrate

Garmash, Kostiantyn			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements

Garmash, Kostyantyn			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	17:00--17:15	Radio Facility for Multi-Path Frequency-Angle Remote Sensing of the Ionosphere

Gavasheli, Tsisana			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:30--11:45	Domain Wall Dynamics in Cobalt Micropowders and Nanowires by NMR Inverse-echo in a Rotating Coordinate system

Gavva, Dmytro			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:00--12:15	Single-Port Quadrifilar Loop Antenna for Counter-UAV EW Applications

Gegechkori, Tatiana			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:30--11:45	Domain Wall Dynamics in Cobalt Micropowders and Nanowires by NMR Inverse-echo in a Rotating Coordinate system

Ghvedashvili, Giorgi			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:30--11:45	Domain Wall Dynamics in Cobalt Micropowders and Nanowires by NMR Inverse-echo in a Rotating Coordinate system

Girich, Aleksey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:30--11:45	Enhancing the Efficiency of Ultralow-Temperature Photon-Magnon Conversion via Photonic-Crystal Waveguides
MSMW	17 Aug (Mon)	17:45--18:00	Ultrathin Quasi-Two-Dimensional Electronically Tunable Left-Handed Microwave Metamaterials Based on Titanium Dioxide–Ferrite Structures
MSMW	17 Aug (Mon)	18:15--18:30	Inverse Anapole Resonator for Hybrid Quantum Systems

Gorishnya, Yulia			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	14:15--14:30	Demasking of the Geomagnetism Influence on Tweek-Atmospheric Observation in Sub-Antarctic: the Seasonal Weather Variability Impact

Gretskih, Dmytro			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:00--12:15	Single-Port Quadrifilar Loop Antenna for Counter-UAV EW Applications

Gribovsky, Alexandr			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures

Gritsenko, Viktor			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:00--15:15	Eigenfrequencies of Loaded Ultrasonic Transducers

Havrylenko, Dmytro			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements

Herasymov, Serhii			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:00--12:15	Directivity of Multilayered Microlasers Featuring Silver Film and Distributed Bragg Reflectors

Herasymova, Dariia			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	11:45--12:00	Radiation Efficiency of THz Antenna Made of Graphene Covered Nanowire Grating Fed by Modulated Electron Beam
MMET	19 Aug (Wed)	12:00--12:15	Directivity of Multilayered Microlasers Featuring Silver Film and Distributed Bragg Reflectors

Holub, Mariia			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	16:00--16:15	Severe Geomagnetic Storm in August 2024

Hrabko, Tymofii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	17:15--17:30	Remote Sensing of the Disturbed Ionosphere During May 10-11, 2024, Extreme Geospace Storm

Hsu, Ting-Li			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:30--15:45	A Differential SOI-CMOS Stacked-MOSFET RF Switch with Monolithically-Integrated Balun
MSMW	17 Aug (Mon)	16:15--16:30	A Highly Linear 10 W Shunt Differential SOI-CMOS RF Switch

Hutsul, Taras			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:30--16:45	Spatial Data Collection Using UAV Sensors and Their Application in Mine Action Operations

Iscan, Emre			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:00--11:15	Electromagnetic Scattering of a Rounded-Corner Dielectric Cube Sandwiched Between Impedance Surfaces: Method of Auxiliary Sources Formulation

Ishchenko, Oksana			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:00--11:15	Formation of Radiation Patterns of Small-Element Antenna Arrays for GNSS Interference Suppression
ICATT	18 Aug (Tue)	11:45--12:00	Suppression of Radio Interference in Satellite Navigation Equipment Using a Dual-Ring Antenna Array
MMET	19 Aug (Wed)	11:00--11:15	Potential Threats to GNSS Equipment from Signals of Low-Earth-Orbit Satellite Communication System

Kakulia, David			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:00--12:15	On the Synthesis of a Compact Multipole Source for a Two-Dimensional Scalar Field with a Rotating Wavefront
DIPED	20 Aug (Thu)	12:30--12:45	On New Structures of Multipole Sources of Monochromatic Scalar Fields Described by Spherical Wave Functions
DIPED	20 Aug (Thu)	13:00--13:15	On the Synthesis of a Compact Multipole Source for a Three-Dimensional Scalar Field with a Rotating Wavefront

Kaliberda, Mstyslav			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:15--14:30	Electron-Beam Diffraction Radiation in Graphene Sheet-Dielectric Waveguide with Finite Graphene Strip Grating
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Kalmykova, Tetiana			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:30--11:45	Enhancing the Efficiency of Ultralow-Temperature Photon-Magnon Conversion via Photonic-Crystal Waveguides
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Kantsedal, Valeri			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:45--15:00	Imitation Jamming to OFDMA Communication Line for Counter Small Remote Sensing UAVs

Karacuha, Kamil			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:00--11:15	Electromagnetic Scattering of a Rounded-Corner Dielectric Cube Sandwiched Between Impedance Surfaces: Method of Auxiliary Sources Formulation

Katrish, Victor			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements

Katrish, Volodymyr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization

Keusgen, Wilhelm			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:00--11:15	Characterization of Helicopter Rotor Blade Modulation in UHF and Microwave Bands
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Khardikov, Vyacheslav			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Khobzei, Mykola			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:30--16:45	Spatial Data Collection Using UAV Sensors and Their Application in Mine Action Operations

Khodachok, Yevhen			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization

Kholod, Pavlo			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Khrychov, Vladyslav			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	17:30--17:45	Neural Network–Based Inversion of Radar Cross Section for a Three-Point Scatterer System

Khutoryan, Eduard			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications
MSMW	17 Aug (Mon)	12:15--12:30	Intermodal Coupling in a Three-Dimensional THz Circuits of a Clinotron and Double Grating BWO
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Kirilenko, Anatoly			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:00--11:15	Spectral Mechanism of Interference Reflection in Multi-Slot Irises of a Circular Waveguide
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications
MSMW	17 Aug (Mon)	15:00--15:15	Compact 90-Degree Polarization-Plane Rotators in a Square Waveguide Based on Chiral Irises With Rectangular and L-Shaped Slots

Kishko, Sergey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications

Kolenov, Ivan			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:30--11:45	Multisensor UAV-Based Technique Development For Landmine Detection
MRRS	17 Aug (Mon)	12:00--12:15	Design of a UAV-Deployable GPR Sensor for Landmine Detection
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Koloskov, Oleksandr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:45--17:00	A Long-Range Three-Position Network for Measuring Tweek-Atmospherics

Koluzanov, Oleksandr			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:00--16:15	Fractal Synchronization of Chaotic Modes

Kondratiuk, Vasyl			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:00--11:15	Formation of Radiation Patterns of Small-Element Antenna Arrays for GNSS Interference Suppression
ICATT	18 Aug (Tue)	11:45--12:00	Suppression of Radio Interference in Satellite Navigation Equipment Using a Dual-Ring Antenna Array
MMET	19 Aug (Wed)	11:00--11:15	Potential Threats to GNSS Equipment from Signals of Low-Earth-Orbit Satellite Communication System

Konin, Valeriy			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:00--11:15	Formation of Radiation Patterns of Small-Element Antenna Arrays for GNSS Interference Suppression
ICATT	18 Aug (Tue)	11:45--12:00	Suppression of Radio Interference in Satellite Navigation Equipment Using a Dual-Ring Antenna Array
MMET	19 Aug (Wed)	11:00--11:15	Potential Threats to GNSS Equipment from Signals of Low-Earth-Orbit Satellite Communication System

Korzh, Vadym			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:00--13:15	3D Printed Patch-Driven End-Fire Antenna

Koshovy, George			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:30--12:45	Mathematical Models of the Plane E-Polarized Wave Scattering from Impedance Strip Systems Based on Terrible DS-Functions
MMET	19 Aug (Wed)	14:30--14:45	Integral Scattering Characteristics of Multilevel Impedance Strip Systems, Illuminated by the Plane E-Polarized Wave

Kovshov, Yurii			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications

Krakhmalova, Olena			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Kravtsov, Andriy			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:15--11:30	A Cost-Effective 3D Radar System with Frequency Beam Scanning for Security Applications

Krylov, Sergei			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Kryvenko, Olena			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects

Kuleshov, Oleksiy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications
MSMW	17 Aug (Mon)	12:15--12:30	Intermodal Coupling in a Three-Dimensional THz Circuits of a Clinotron and Double Grating BWO

Kuleshova, Anna			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications

Kulik, Dmitriy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:00--15:15	Compact 90-Degree Polarization-Plane Rotators in a Square Waveguide Based on Chiral Irises With Rectangular and L-Shaped Slots

Kurskiy, Yurii			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:00--16:15	Fractal Synchronization of Chaotic Modes

Kutsenko, Oleksandr			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:00--11:15	Formation of Radiation Patterns of Small-Element Antenna Arrays for GNSS Interference Suppression
ICATT	18 Aug (Tue)	11:45--12:00	Suppression of Radio Interference in Satellite Navigation Equipment Using a Dual-Ring Antenna Array

Lazorenko, Oleg			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:15--16:30	Fractal and Multi-Fractal Analysis of the Infrasonic Ultra-Wideband Processes Propagating in the Atmosphere

Legenkiy, Maxim			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:45--17:00	Representation of Complex Large Objects Using Isotropic Scatterers
MRRS	17 Aug (Mon)	17:30--17:45	Neural Network-Based Inversion of Radar Cross Section for a Three-Point Scatterer System

Liaschchuk, Oleksandr			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:45--16:00	Acoustic Effect of a Powerful Submarine Earthquake

Litvintsev, Sergii			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:15--12:30	Tunable Transmission Line Resonators with Stubs
DIPED	20 Aug (Thu)	12:45--13:00	Frequency Stabilization of Transmission Line Resonators With Capacitive Load

Lucido, Mario			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:30--13:45	Backscattering Behavior of a Plane Wave Incident on a Partially Graphene-Coated Luneburg Lens

Lukash, Alexey			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:30--11:45	Multisensor UAV-Based Technique Development For Landmine Detection
MRRS	17 Aug (Mon)	12:00--12:15	Design of a UAV-Deployable GPR Sensor for Landmine Detection
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Luo, Yiyang			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Lutsenko, Iryna			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Lutsenko, Vladyslav			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Lykhograi, Vasyl			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:00--12:15	Single-Port Quadrifilar Loop Antenna for Counter-UAV EW Applications

Maiboroda, Maksym			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Makhanov, Kanat			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Maltsev, Valentyn			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:45--15:00	Imitation Jamming to OFDMA Communication Line for Counter Small Remote Sensing UAVs

Malyshev, Oleksii			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:30--17:45	The Impact of a DC Magnetic Field on the Microwave Properties of a Ferromagnetic Surface Electromagnetic Wave Resonator in the X-Band

Malyshev, Volodymyr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:30--17:45	The Impact of a DC Magnetic Field on the Microwave Properties of a Ferromagnetic Surface Electromagnetic Wave Resonator in the X-Band

Mamniashvili, Grigor			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:30--11:45	Domain Wall Dynamics in Cobalt Micropowders and Nanowires by NMR Inverse-echo in a Rotating Coordinate system

Maslov, Vyacheslav			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:45--14:00	Tight focusing of Terahertz Vortex Beams Formed by Radially Polarized Modes
MSMW	17 Aug (Mon)	14:30--14:45	Using Gradient Gratings for Efficiency Enhancement of THz Vortex Laser Beams Forming

Mayboroda, Dmitry			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Meleshko, Mykola			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Melezhik, Peter			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Melkov, Gennadii			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:30--17:45	The Impact of a DC Magnetic Field on the Microwave Properties of a Ferromagnetic Surface Electromagnetic Wave Resonator in the X-Band

Mikhailikova, Iryna			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:30--13:45	Backscattering Behavior of a Plane Wave Incident on a Partially Graphene-Coated Luneburg Lens

Mizrakhy, Sergey			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:30--11:45	Multisensor UAV-Based Technique Development For Landmine Detection
MRRS	17 Aug (Mon)	12:00--12:15	Design of a UAV-Deployable GPR Sensor for Landmine Detection
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Mogyla, Anatoly			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:45--15:00	Imitation Jamming to OFDMA Communication Line for Counter Small Remote Sensing UAVs

Mospan, Lyudmila			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:30--11:45	Single-Aperture Perforated Screen Providing Three-Passband Pseudo-Elliptic Frequency Response
MMET	19 Aug (Wed)	15:00--15:15	Multi-band Multi-post Resonant Waveguide Section with Independent Tuning of Passbands

Mule, Dhanashri			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:30--12:45	A Survey on Fractal Geometric Antennas for Multiband and Ultra-Wideband (UWB) Applications

Muntean, Konstantin			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:45--14:00	Tight focusing of Terahertz Vortex Beams Formed by Radially Polarized Modes

Mykhaliuk, Sergey			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Mykolaichuk, Vira			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Mylovanov, Yurii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	17:15--17:30	Remote Sensing of the Disturbed Ionosphere During May 10-11, 2024, Extreme Geospace Storm

Natarov, Denys			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:15--12:30	Selective Focusing of Light by Gridded Cylindrical Reflectors Made of Thin Silver and Gold Nanowires

Natarova, Anastasiia			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:15--12:30	Selective Focusing of Light by Gridded Cylindrical Reflectors Made of Thin Silver and Gold Nanowires

Nedukh, Sergiy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:15--18:30	Inverse Anapole Resonator for Hybrid Quantum Systems

Neilinger, Pavol			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Nesterenko, Mikhail			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Nesterov, Igor			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:30--11:45	Multisensor UAV-Based Technique Development For Landmine Detection
MRRS	17 Aug (Mon)	12:00--12:15	Design of a UAV-Deployable GPR Sensor for Landmine Detection
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Nesterov, Pavel			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Novytska, Daria			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	16:00--16:15	Severe Geomagnetic Storm in August 2024

Nozadze, Tamar			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:15--11:30	Assessment of the Potential Thermal Effects of Urban EM Fields on a Human Model Using FDTD-Based Simulations
DIPED	20 Aug (Thu)	11:45--12:00	Assessment of Cumulative Electromagnetic Field Exposure at Urban Bus Stops

Odarenko, Eugene			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:30--11:45	Enhancing the Efficiency of Ultralow-Temperature Photon-Magnon Conversion via Photonic-Crystal Waveguides
MSMW	17 Aug (Mon)	14:30--14:45	Using Gradient Gratings for Efficiency Enhancement of THz Vortex Laser Beams Forming

Ogurtsova, Tetiana			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:00--13:15	3D Printed Patch-Driven End-Fire Antenna
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Onishchenko, Andriy			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:15--16:30	Fractal and Multi-Fractal Analysis of the Infrasonic Ultra-Wideband Processes Propagating in the Atmosphere

Orlenko, Oleksandr			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Oseredchuk, Taras			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	16:00--16:15	Fractal Synchronization of Chaotic Modes

Ostryzhnyi, Yevhenii			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:00--11:15	Spectral Mechanism of Interference Reflection in Multi-Slot Irises of a Circular Waveguide
ICATT	18 Aug (Tue)	11:15--11:30	Narrow-Beam Antenna for the 8-mm Wavelength Range Based on an Azimuthally Inhomogeneous Dielectric Resonator

Pazynin, Vadym			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Pera, Donato			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition

Perov, Andrey			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	14:30--14:45	A Thin Metagrating for Terahertz Wave Attenuation with Tunable/Switchable Absorption Bands

Peter, Michael			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:00--11:15	Characterization of Helicopter Rotor Blade Modulation in UHF and Microwave Bands

Petryshyn, Andrii			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:45--15:00	E-Wave Plane-Wave Scattering by Sinusoidal Open PEC Strips via the Method of Discrete Singularities

Pitertsev, Aleksander			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:00--14:15	Data Fusion of Multi-Frequency Radar, Radiometer, and In Situ Sensors for Rain and Cloud Research

Pochanin, Gennadiy			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:00--13:15	3D Printed Patch-Driven End-Fire Antenna
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Pochanina, Iryna			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:00--13:15	3D Printed Patch-Driven End-Fire Antenna
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Pogarsky, Sergey			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:15--14:30	Electron-Beam Diffraction Radiation in Graphene Sheet-Dielectric Waveguide with Finite Graphene Strip Grating
DIPED	20 Aug (Thu)	15:15--15:30	Patch Antenna with Complicated Aperture

Polevoy, Sergey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:30--11:45	Enhancing the Efficiency of Ultralow-Temperature Photon-Magnon Conversion via Photonic-Crystal Waveguides
MSMW	17 Aug (Mon)	17:45--18:00	Ultrathin Quasi-Two-Dimensional Electronically Tunable Left-Handed Microwave Metamaterials Based on Titanium Dioxide–Ferrite Structures
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation
MSMW	17 Aug (Mon)	18:15--18:30	Inverse Anapole Resonator for Hybrid Quantum Systems

Popov, Igor			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis

Potapov, Maksym			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	14:15--14:30	Investigation of a Microwave Rectifier for Pulsed LFM Signals

Poyedinchuk, Anatoliy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Prokhorov, Mykyta			
Track	Day	Time	Paper Title
UWBUSIS	18 Aug (Tue)	15:45--16:00	Broadband Permittivity Estimation from Reflection Coefficients Using a Hybrid CNN-SVD Framework
DIPED	20 Aug (Thu)	14:45--15:00	Robust Real-Time Estimation of Dielectric Permittivity from Ultra-Wideband Reflection Coefficients Using Deep Learning

Prokopenko, Oleksandr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:45--15:00	Spin-Torque Microwave Detector Driven by Positive Rectangular Current Pulses
MSMW	17 Aug (Mon)	16:00--16:15	Unsupervised Learning of Artificial "Neurons" Based on Josephson-like Antiferromagnetic Spin Hall Oscillator
MSMW	17 Aug (Mon)	17:30--17:45	The Impact of a DC Magnetic Field on the Microwave Properties of a Ferromagnetic Surface Electromagnetic Wave Resonator in the X-Band
MSMW	17 Aug (Mon)	18:30--18:45	Current-Driven Mutual Synchronization of Two Antiferromagnetic Spin Hall Oscillators

Prokopenko, Volodymyr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:45--15:00	Spin-Torque Microwave Detector Driven by Positive Rectangular Current Pulses

Prokopenko, Yuriy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Pronin, Yevhen			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:45--14:00	Tight focusing of Terahertz Vortex Beams Formed by Radially Polarized Modes

Pshenichnaya, Svetlana			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:45--14:00	Dual-Frequency Antenna Array with Combined Slot-Dipole Elements

Radionov, Vladimir			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:30--14:45	Using Gradient Gratings for Efficiency Enhancement of THz Vortex Laser Beams Forming

Rakytzkyi, Vadym			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Raza, Muhammad			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Riasnyi, Yevhenii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:45--17:00	Representation of Complex Large Objects Using Isotropic Scatterers

Ruban, Vadym			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:00--13:15	3D Printed Patch-Driven End-Fire Antenna
UWBUSIS	18 Aug (Tue)	15:30--15:45	Ground Penetrating Radar with a Chirp Signal Using a Vector Network Analyzer NanoVNA

Rubino, Bruno			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition

Rudycheva, Olena			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	15:45--16:00	Acoustic Effect of a Powerful Submarine Earthquake

Rusina, Oleksandra			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization

Russchenberg, Herman W.J.			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:00--14:15	Data Fusion of Multi-Frequency Radar, Radiometer, and In Situ Sensors for Rain and Cloud Research

Rybin, Oleg			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Sakhnenko, Nataliya			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:00--14:15	Physics-Informed Neural Networks for Temporal Electromagnetic Problems in Time-Varying Media

Ščepka, Tomáš			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation

Schmieder, Mathis			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:00--11:15	Characterization of Helicopter Rotor Blade Modulation in UHF and Microwave Bands

Schultze, Alper			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:00--11:15	Characterization of Helicopter Rotor Blade Modulation in UHF and Microwave Bands

Sekretarov, Stanislav			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:15--11:30	A Cost-Effective 3D Radar System with Frequency Beam Scanning for Security Applications

Senkevych, Olena			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	12:00--12:15	Approximate Analysis of Scattering by a Finite Nanoscale Silver Tube Under E-Polarization
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Shevchenko, Anatolii			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Shevelev, Mykyta			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:15--16:30	Remote Sensing of the Ionosphere: The Impact of Geomagnetic Storms on Global Electron Content
DIPED	20 Aug (Thu)	15:45--16:00	Acoustic Effect of a Powerful Submarine Earthquake

Shostak, Oleksii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:15--14:30	Real-Time Atmospheric Sensing Using the Multiple UAVs

Shostko, Ihor			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:30--14:45	A Low-Cost Portable DoA Estimation Equipment for UAV Detection and Tracking

Shtanko, Oleh			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:45--15:00	Spin-Torque Microwave Detector Driven by Positive Rectangular Current Pulses
MSMW	17 Aug (Mon)	18:30--18:45	Current-Driven Mutual Synchronization of Two Antiferromagnetic Spin Hall Oscillators

Shtoda, Dmytro			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:15--13:30	Investigation of a Linear Antenna Array With Coaxial Sector Apertures

Shulga, Sergey			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Shumilin, Anton			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications

Shvets, Alexander			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:45--17:00	A Long-Range Three-Position Network for Measuring Tweek-Atmospherics

Shvets, Alisa			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:45--17:00	A Long-Range Three-Position Network for Measuring Tweek-Atmospherics

Sirenko, Kostyantyn			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Soboliak, Oleksandr			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Solomko, Valentyn			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:30--15:45	A Differential SOI-CMOS Stacked-MOSFET RF Switch with Monolithically-Integrated Balun
MSMW	17 Aug (Mon)	16:15--16:30	A Highly Linear 10 W Shunt Differential SOI-CMOS RF Switch

Sotnyk, Iryna			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:45--15:00	Spin-Torque Microwave Detector Driven by Positive Rectangular Current Pulses
MSMW	17 Aug (Mon)	16:00--16:15	Unsupervised Learning of Artificial "Neurons" Based on Josephson-like Antiferromagnetic Spin Hall Oscillator

Steshenko, Sergiy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:00--11:15	Spectral Mechanism of Interference Reflection in Multi-Slot Irises of a Circular Waveguide
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications
MSMW	17 Aug (Mon)	12:15--12:30	Intermodal Coupling in a Three-Dimensional THz Circuits of a Clinotron and Double Grating BWO
MSMW	17 Aug (Mon)	15:00--15:15	Compact 90-Degree Polarization-Plane Rotators in a Square Waveguide Based on Chiral Irises With Rectangular and L-Shaped Slots

Stiepanova, Kateryna			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition

Styahar, Andriy			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	13:45--14:00	A Mathematical Model of Seismic Wave Scattering on Underground Objects with a Non-homogeneous Boundary Condition

Sushych, Oleksii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:15--14:30	Real-Time Atmospheric Sensing Using the Multiple UAVs

Svezhentsev, Oleksandr			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	12:00--12:15	Approximate Analysis of Scattering by a Finite Nanoscale Silver Tube Under E-Polarization

Tabatadze, Vasil			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:00--11:15	Electromagnetic Scattering of a Rounded-Corner Dielectric Cube Sandwiched Between Impedance Surfaces: Method of Auxiliary Sources Formulation

Tambekar, Kshitija			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:30--12:45	A Survey on Fractal Geometric Antennas for Multiband and Ultra-Wideband (UWB) Applications

Tarapov, Sergey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:45--18:00	Ultrathin Quasi-Two-Dimensional Electronically Tunable Left-Handed Microwave Metamaterials Based on Titanium Dioxide–Ferrite Structures

Tarapov, Sergiy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:30--11:45	Enhancing the Efficiency of Ultralow-Temperature Photon-Magnon Conversion via Photonic-Crystal Waveguides
MSMW	17 Aug (Mon)	18:00--18:15	Optimization of the Deposition Technology of Thin Permalloy Films for Spin-Wave Generation
MSMW	17 Aug (Mon)	18:15--18:30	Inverse Anapole Resonator for Hybrid Quantum Systems

Tatyanko, Dmytro			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:30--14:45	A Low-Cost Portable DoA Estimation Equipment for UAV Detection and Tracking

Tchabashvili, Daviti			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:45--12:00	Assessment of Cumulative Electromagnetic Field Exposure at Urban Bus Stops

Tkach, Vladyslav			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:30--16:45	Spatial Data Collection Using UAV Sensors and Their Application in Mine Action Operations

Tkachenko, Maksym			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:00--15:15	Amplitude and Phase Scintillations of L-Band Radio Waves of GNSS

Tkachuk, Ludmila			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization

Tkachuk, Viktor			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	14:00--14:15	Optimization of Parameters of Quasioptical Transmission Line

Toroshanko, Olexandr			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	15:30--15:45	Basis-Domain Signal Processing for Multi-Sensor UAV Remote Sensing

Trifanov, Vitalii			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:45--12:00	GNSS Reflectometric Ice Thickness Estimation Using Windowed Lomb-Scargle Spectral Analysis
MRRS	17 Aug (Mon)	12:15--12:30	Modelling of Methods for Acoustic Direction Finding of Airborne Objects
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Tsymbal, Anatoliy			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:15--16:30	Remote Sensing of the Ionosphere: The Impact of Geomagnetic Storms on Global Electron Content

Unal, Christine M. H.			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:00--14:15	Data Fusion of Multi-Frequency Radar, Radiometer, and In Situ Sensors for Rain and Cloud Research

Usman, Mustefa Badri			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	11:00--11:15	Electromagnetic Scattering of a Rounded-Corner Dielectric Cube Sandwiched Between Impedance Surfaces: Method of Auxiliary Sources Formulation

Vanderbosch, Guy			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	12:00--12:15	Approximate Analysis of Scattering by a Finite Nanoscale Silver Tube Under E-Polarization

Vanin, Viktor			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	12:30--12:45	Mathematical Models of the Plane E-Polarized Wave Scattering from Impedance Strip Systems Based on Terrible DS-Functions
MMET	19 Aug (Wed)	14:30--14:45	Integral Scattering Characteristics of Multilevel Impedance Strip Systems, Illuminated by the Plane E-Polarized Wave

Vavriv, Dmytro			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:15--11:30	A Cost-Effective 3D Radar System with Frequency Beam Scanning for Security Applications

Vertiy, Alexey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	13:30--13:45	3D-Printed Dielectric Waveguides: A Study for Millimeter-Wave Applications

Veselovska-Maiboroda, Ganna			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:45--12:00	Using a Pair of Matched Inclined Dielectric Slabs for Mode Filtering in a Fabry-Perot Resonator

Vinnichenko, Sergey			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	12:15--12:30	Compact Microwave Patch Antenna on Composite Substrate

Vinogradov, Volodymyr			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:15--11:30	A Cost-Effective 3D Radar System with Frequency Beam Scanning for Security Applications

Vlasenko, Sergey			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	11:15--11:30	Output Characteristics of the 330 GHz Clinotron with Modified Cavity for Practical Applications

Volkov, Vadym			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	11:15--11:30	A Cost-Effective 3D Radar System with Frequency Beam Scanning for Security Applications

Volski, Vladimir			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	12:00--12:15	Approximate Analysis of Scattering by a Finite Nanoscale Silver Tube Under E-Polarization

Williams, Nannette			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Xuan Anh, Nguyen			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	12:30--12:45	Passive Coastal Sea Wave Monitoring Using Wavelet-Based Decomposition of Diffuse GNSS Reflections

Yahina, Nataliya			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	14:00--14:15	Grating-Induced Localized Surface Modes in a Grating-Dielectric-YIG Structure Above the Cutoff Frequency
MSMW	17 Aug (Mon)	14:15--14:30	Splitting of the Spectrum of Damon-Eshbach Spin Waves in a Structure "Strip Periodic Grating – Yttrium Iron Garnet Film – Gadolinium Gallium Garnet Substrate"

Yampol'skii, Valery			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	16:30--16:45	Interaction Between a Tubular Electron Beam and Eigenwaves Fields of a Layered Superconductor of Cylindrical Configuration

Yanovsky, Felix			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:00--14:15	Data Fusion of Multi-Frequency Radar, Radiometer, and In Situ Sensors for Rain and Cloud Research

Yeliseyeva, Nadezhda			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	13:30--13:45	Radiation Patterns of Circular Polarized Multi-Band Corner Reflector Antenna
ICATT	18 Aug (Tue)	14:00--14:15	Band Properties of Circular Polarized Corner Antenna under Maximum Directivity

Yevtushenko, Fedir			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	11:15--11:30	Double-Band THz Inverse Polarizer Built on Graphene-Strip-on-Substrate Grating

Zakharov, Alexander			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:15--12:30	Tunable Transmission Line Resonators with Stubs
DIPED	20 Aug (Thu)	12:45--13:00	Frequency Stabilization of Transmission Line Resonators With Capacitive Load

Zaridze, Revaz			
Track	Day	Time	Paper Title
DIPED	20 Aug (Thu)	12:00--12:15	On the Synthesis of a Compact Multipole Source for a Two-Dimensional Scalar Field with a Rotating Wavefront
DIPED	20 Aug (Thu)	12:30--12:45	On New Structures of Multipole Sources of Monochromatic Scalar Fields Described by Spherical Wave Functions
DIPED	20 Aug (Thu)	13:00--13:15	On the Synthesis of a Compact Multipole Source for a Three-Dimensional Scalar Field with a Rotating Wavefront

Zelenchuk, Dmitry			
Track	Day	Time	Paper Title
ICATT	18 Aug (Tue)	11:30--11:45	Single-Aperture Perforated Screen Providing Three-Passband Pseudo-Elliptic Frequency Response
MMET	19 Aug (Wed)	15:00--15:15	Multi-band Multi-post Resonant Waveguide Section with Independent Tuning of Passbands

Zemlyaniy, Oleg			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:30--14:45	A Low-Cost Portable DoA Estimation Equipment for UAV Detection and Tracking

Zhang, Yiwen			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	15:30--15:45	A Differential SOI-CMOS Stacked-MOSFET RF Switch with Monolithically-Integrated Balun
MSMW	17 Aug (Mon)	16:15--16:30	A Highly Linear 10 W Shunt Differential SOI-CMOS RF Switch

Zhdanko, Yevhen			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	16:15--16:30	Remote Sensing of the Ionosphere: The Impact of Geomagnetic Storms on Global Electron Content
MRRS	17 Aug (Mon)	17:00--17:15	Radio Facility for Multi-Path Frequency-Angle Remote Sensing of the Ionosphere
DIPED	20 Aug (Thu)	15:30--15:45	The Multi-Step Severe Geomagnetic Storm of March 21-26, 2024: A Comparative Analysis, Global Features and Energetics

Zinenko, Tatiana			
Track	Day	Time	Paper Title
MMET	19 Aug (Wed)	14:45--15:00	E-Wave Plane-Wave Scattering by Sinusoidal Open PEC Strips via the Method of Discrete Singularities

Znakovska, Yevheniia			
Track	Day	Time	Paper Title
MRRS	17 Aug (Mon)	14:15--14:30	Real-Time Atmospheric Sensing Using the Multiple UAVs

Zozulia, Valerii			
Track	Day	Time	Paper Title
MSMW	17 Aug (Mon)	17:15--17:30	Limitation of High-frequency Generation in GaN Diodes under Self-heating and Impact Ionization