Poster session 2 (Wednesday)

	First name	Last name	Paper title	Section
P.1.1	Asel	**Adilova**	Study of mutual phase locking of two gyrotrons coupled with delay	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.2	Alexander	**Andronov**	Proposed Gyrotrons and FELs frequency distributed multiplication	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.3	Artem	**Badarin**	Double-Beam Millimeter-Wave Band BWT And TWT On A Spirally Bent Rectangular Waveguide	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.4	Mikhail	**Morozkin**	Development of the prototype of high power sub-THz gyrotron for advanced fusion power plant (DEMO)	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.5	Roman	**Rozental**	Rogue-waves generation in the terahertz region	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.6	Roman	**Rozental**	Gyrotrons with shortened cavities as tunable sources of powerful subterahertz radiation for spectroscopic applications	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.7	Andrei	**Savilov**	High-harmonic gyrotrons with irregular microwave systems	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.8	Andrey	**Zuev**	The third harmonic medium power W-band gyrorton for various applications	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.9	Evgenee	**Myasin**	UNKNOWN PECULIARITY OF THE OROTRON TWO ROW PERIODIC STRUCTURE	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.10	Leonid	**Revin**	YBa2Cu3O7−δ Josephson generators fabricated by preliminary topology masks	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.11	Michael	**Vilkov**	Generation of Ultrashort Microwave Pulses in Passive Mode-Locked Electron Oscillators with Homogeneous and Inhomogeneous Line Broadening	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.12	Roman	**Rozental**	Generation of Ultra-Short Microwave Pulses in a Tunable Gyrotron with Subsequent Compression	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.13	Andrey	**Fokin**	Frequency control in subterahertz gyrotrons	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.14	Alexey	**Fedotov**	Design of three-mirror open cavity for 250-GHz cyclotron autoresonance maser project	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.15	Alexey	**Fedotov**	Design of medium-power W-band traveling-wave tube and backward-wave oscillator with sheet electron beam	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.16	Igor	**Davidyuk**	Fast magnetic measurements of 8.6 m undulator	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.17	Vladislav	**Zaslavsky**	Powerful surface-wave oscillators with one-dimensional and two-dimensional periodic planar structures	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.18	Vladimir	**Zapevalov**	Various types of echelette resonators for gyrotrons	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.19	Lev	**Yurovsky**	Transformation of High-Power Gyrotron Output Radiation Frequency under Conditions of Raman Scattering on Auxiliary Electron Beam	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.20	Nikita	**Pristupchik**	Design and process flow of the buried-emitter cathode for a low-power	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.1.21	Roman	**Shaposhniko**	Gyrotron mm-wave radiation for dense plasma fluxes production from ECR discharge in a single solenoid	S1. Electronic sources of THz & MW radiation, synchrotron radiation, free-electron lasers
P.2.1	Miron	**Kagan**	Electronic Tunneling and Electric Domains in GaAs/AlAs Superlattices at Room Temperature	S2. Optoelectronic & solid-state sources of THz radiation
P.2.2	Stanislav	**Paprotsky**	High Photoconductivity in Heavily Doped GaAs/AlAs Superlattices with Electric Domains	S2. Optoelectronic & solid-state sources of THz radiation
P.2.3	Maxim	**Kulygin**	Long-Pulsed Modulation Regimes of Subterahertz Nanosecond Waveguide Switches	S2. Optoelectronic & solid-state sources of THz radiation
P.2.4	Igor	**Ilyakov**	Continuously Tunable Spintronic Emission in the sub-THz Range	S2. Optoelectronic & solid-state sources of THz radiation

P.2.5	Andrey	**Leontyev**	Photoconductive antennas based on epitaxial films InGaAs on GaAs (111)A and (100) substrates with a metamorphic buffer.	S2. Optoelectronic & solid-state sources of THz radiation
P.2.6	Nikolai	**Peskov**	Theoretical and experimental studies of dielectric two-dimensional Bragg structures for development of spatially-extended heterolasers	S2. Optoelectronic & solid-state sources of THz radiation
P.2.7	Vladimir	**Rumyantsev**	Terahertz frequency multipliers employing lattice nonlinearity in semiconductors	S2. Optoelectronic & solid-state sources of THz radiation
P.3.1	Alexander	**Frolov**	The dipole mechanism of terahertz waves emission under laser action on clasters	S3. Generation of THz radiation by intense laser pulses
P.3.2	Bong Joo	**Kang**	Manipulation of Highly Nonlinear Organic Crystals for Efficient Optical-to-THz Conversion	S3. Generation of THz radiation by intense laser pulses
P.3.3	Evgeny	**Moiseenko**	Temperature variation in the process of terahertz wave generation by intense laser pulses	S3. Generation of THz radiation by intense laser pulses
P.3.4	Nikolai	**Yudin**	Generation of broadband terahertz radiation in ZnGeP2 by optical rectification	S3. Generation of THz radiation by intense laser pulses
P.3.5	Nikolai	**Yudin**	Generation of terahertz radiation on the difference frequency in Zngep2	S3. Generation of THz radiation by intense laser pulses
P.3.6	Alexander	**Silaev**	Quantum-mechanical simulations of low-frequency current excitation during ionization of many-electron atoms by intense laser pulses	S3. Generation of THz radiation by intense laser pulses
P.3.7	Irina	**Osovitskaya**	Interplay effects of carrier-envelope phase and plasmon resonances in terahertz generation by ionizing ultrashort optical pulses	S3. Generation of THz radiation by intense laser pulses
P.4.1	Alexander	**Andronov**	THz Quantum Cascade Laser cavities emission beams and losses	S4. Quantum cascade lasers
P.4.2	Petr	**Solyankin**	Reconfigurable terahertz optics based on etched structures in vanadium dioxide thin films	S4. Quantum cascade lasers
P.5.1	Anna	**Gordeeva**	Cold-electron bolometeras a photon-noise-limited detector with on-chip electron self-cooling	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.2	Valery	**Koshelets**	Spectral measurements of THz radiation emitted from intrinsic Josephson junction stacks	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.3	Maxim	**Philippov**	Future scientific experiment “SUN-TERAGERZ"	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.4	Ivan	**Tretyakov**	Technology for NbN HEB based multipixel matrix of THz range	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.5	Andrey	**Trifonov**	Geometry dependence of IF bandwidth performance of NbN HEB mixers integrated with GaN acoustic matching layer.	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.6	Grigory	**Yakopov**	Characterization of SubTHz planar antennas with SINIS bolometers for optical 6 meter reflector BTA	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.7	Vsevolod	**Belosevich**	Response of carbon nanotube film transistor to the THz radiation	S5. Detection of THz & MW radiation. Metrology in THz frequency range
P.5.8	Tatyana	**Novikova**	Temperature dependence of signal spectra generated via spontaneous parametric down-conversion in strongly frequency non-degenerate regime	S5. Detection of THz & MW radiation. Metrology in THz frequency range