Poster session 1 (Tuesday)

	First name	Last name	Paper title	Section
P.6.1	Valeria	**Kukotenko**	One color pump-probe setup at the NovoFEL facility for measurements of carrier relaxation processes in semiconductors	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.2	Robert	**Dawson**	Closing the terahertz gap: a composite approach toward measuring continuous dielectric functions from microwave to visible wavelengths	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.3	Petr	**Demchenko**	Study of influence of densification on control of conductivity and spectral characteristics of thin films of carbon nanotubes in terahertz frequency range	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.4	Daniel	**Gomon**	Absorbance of oxipane material in THz frequency range.	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.5	Kirill	**Kuznetsov**	Generation of terahertz pulses from the island films of topological insulator Bi2-xSbxTe3-ySey	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.6	Ivan	**Tzibizov**	Investigation of the properties of a 3-level broadband antireflective structure on silicon by THz time-domain spectroscopy.	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.7	Arsenii	**Gavdush**	Terahertz time-domain spectroscopy of astrophysical ice analogs: A pilot study	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.8	Alexander	**Grebenchuk**	Terahertz spectroscopy of graphene-based materials on different substrates under external infrared optical pumping	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.9	Egor	**Litvinov**	Aligned planar-wire zero-index metamaterial for terahertz frequency range	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.10	Ekaterina	**Malkova**	Nonlinear quantum interferometry in terahertz spectroscopy	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.11	Maxim	**Masyukov**	Geometry impact on polarizing properties of terahertz chiral metasurface	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.12	Yuriy	**Sergeev**	Terahertz induced optical second harmonic generation from silicon surface	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.13	Tatyana	**Krapivnitska**	Pulsed magnets with high field intensity for laser-plasma experiments and TDS spectroscopy	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.14	Andrey	**Malkin**	Terahertz Range Surface-Wave Bragg Resonators with Optimized Ratio between Ohmic and Radiative Losses	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.15	Evgeny	**Serov**	Ceramic materials for microwave applications	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.6.16	Dmitry	**Sharovarov**	Effect of MIT in epitaxial VO2 films on THz transmittance	S6. Study of materials (including nano- and metamaterials) with the help of THz & MW radiation. Time-domain and CW spectroscopy
P.7.1	Natalya	**Osintseva**	Vector and mixed beams with orbital angular momentum	S7. Interaction of high-power THz and MW radiation with matter. Application of THz radiation for the research and control of ultrafast process in physics, chemistry and biology
P.8.1	Dmitriy	**Yanin**	Subsurface diagnostics of quasi-one-dimensional inhomogeneities using the method of near-field microwave sounding	S8. Terahertz & microwave imaging: tomography, holography and near-field microscopy

P.8.2	Dmitriy	**Yanin**	Diagnostics of of biological tissues by methods of near-field microwave - sounding	S8. Terahertz & microwave imaging: tomography, holography and near-field microscopy
P.8.3	Oleg	**Kameshkov**	Generation of vortex beamlet lattices via diffraction of Bessel vortex beams on 2D hole arrays: analytical and numerical calculations and comparison with experiments	S8. Terahertz & microwave imaging: tomography, holography and near-field microscopy
P.8.4	Andrew	**Martusevich**	Microwave imaging of skin damage at experimental burns	S8. Terahertz & microwave imaging: tomography, holography and near-field microscopy
P.8.5	Andrew	**Martusevich**	Diagnostic value of microwave imaging of dielectric tissues properties in patients with Dupuitren disease	S8. Terahertz & microwave imaging: tomography, holography and near-field microscopy
P.9.1	Grigoriy	**Bubnov**	Svalbard astroclimate research: expedition and first results.	S9. Systems of security and non-destructive control using THz and MW radiation. Remote sensing with THz radiation. Communication in THz frequency range
P.9.2	Ilya	**Lesnov**	Investigation of the influence of the location on the rate of Sub THz space communications channels	S9. Systems of security and non-destructive control using THz and MW radiation. Remote sensing with THz radiation. Communication in THz frequency range
P.9.3	Kamil	**Moldosanov**	Two-phonon scheme of generating soft terahertz radiation by gold nanobars for detection of hidden objects	S9. Systems of security and non-destructive control using THz and MW radiation. Remote sensing with THz radiation. Communication in THz frequency range
P.9.4	Gleb	**Katyba**	Microstructured sapphire shaped crystals for anitiresonant and bandgap terahertz waveguiding	S9. Systems of security and non-destructive control using THz and MW radiation. Remote sensing with THz radiation. Communication in THz frequency range
P.10.1	Arina	**Avseenko**	Definition of thresholds of the heating effects of THz radiation on cancer cells.	S10. Medical and biological applications of THz radiation
P.10.2	Vasyl	**Denysenkov**	COMPACT DNP POLARIZER FOR MRI APPLICATIONS AT 1.5 TESLA	S10. Medical and biological applications of THz radiation
P.10.3	Ida	**Kublanova**	The research method of a qualitative analysis of the composition of the blood in the terahertz frequency range.	S10. Medical and biological applications of THz radiation
P.10.4	Vladimir	**Anfertev**	Application of high resolution subTHz spectroscopy methods for analysing the content of grain odors	S10. Medical and biological applications of THz radiation
P.10.5	Sviatoslav	**Gusev**	Investigation of interaction of THz radiation with blood components for diabetes mellitus diagnostics	S10. Medical and biological applications of THz radiation
P.10.6	Anna	**Semenova**	THz absorption spectra of glucoze and its polimers	S10. Medical and biological applications of THz radiation
P.10.7	Tianmiao	**Zhang**	Study of PVC-based Skin Phantom with graphite particles in Terahertz Frequency Range	S10. Medical and biological applications of THz radiation
P.10.8	Marina	**Presnyakova**	Study of biochemical and hemostasiological parameters under the influence of low-intensity microwave noise radiation	S10. Medical and biological applications of THz radiation
P.10.9	Anna	**Soloveva**	The influence of terahertz radiation on biochemical metabolism of blood in the experiment	S10. Medical and biological applications of THz radiation
P.10.10	Mariya	**Glyavina**	Morphological analysis of microglia in early postischemic period in the mouse local cerebral ischemia	S10. Medical and biological applications of THz radiation