

Program

Thursday, November 13.		Friday, November 14.		Saturday, November 15.	
9:00 – 9:20 registration and morning coffee		8:45 – 9:00 registration and morning coffee		9:00 – 9:15 morning coffee	
9:20 – 9:30	opening	9:00 – 9:20	Czesław Skierbiszewski (Unipress, Poland) GaN/AlGaN heterostructures for broadband THz emitters and detectors	9:15 – 11:00	Management Committee Meeting
9:30 – 10:10	Mauro F. Pereira (Sheffield Hallam Univ., UK) Progress in Theory of THz and Mid Infrared Semiconductor Materials and Optics	9:20 – 9:50	Krzesimir Szkudlarek (Unipress, Poland) THz emitters and detectors based GaN/AlGaN		
10:10 – 10:30	Lars Juul (Université Du Luxembourg) Numerical Study of High Impedance T-match Antennas for Terahertz Photomixers	10:10 – 10:30	Michał Marcinkiewicz (Université Montpellier 2, France) InP-Based Asymmetric Dual-Grating-Gate HEMTs for sensitive Terahertz and Mid-Infrared Sensing		
10:30 – 10:50	William Otter (Imperial College London, UK) Prototype design of THz metallic mesh stress sensor	10:30 – 10:50	A. Kadykov (Université Montpellier 2, France) Terahertz Excitations in HgTe-based Field Effect Transistors		
10:50 – 11:10	Esterfania Prior (Universidad Carlos III de Madrid) VCSEL-based Optical Frequency Comb for Tera-Mid generation	10:50 – 11:10	Maciej Sypek (Faculty of Physics WUT, Poland) Diffractive optics for nanotransistor plasma THz detectors arrays		
11:10 – 11:40 coffee break		11:10 – 11:40 coffee break		11:00 – 11:20 coffee break	
11:40 – 12:00	Elisabetta Pireddu (NTT s.r.l., Italy) Properties and performance evaluation of GaAs/AlGaAs quantum cascade lasers (QCLs) in THz range	11:40 – 12:00	Agnieszka Siemion (Faculty of Physics WUT, Poland) Material characterization for sophisticated optics for GaN HEMT detectors and emitters	11:20 – 13:20	Management Committee Meeting
12:00 – 12:20	Francesco Massimino (NTT s.r.l., Italy) Sub-THz Imaging and Spectroscopic Techniques (STSMs in Warsaw and Nizhny Novgorod)	12:00 – 12:20	Jarosław Suszek (Faculty of Physics WUT, Poland) Diffractive element for the effective beam shaping of the THz radiation generated by GaN HEMT		
12:20 – 12:40	Mariusz Klimczak (Glass Department, ITME, Poland) Impact of steepness of pump temporal pulse profile on spectral flatness and correlation of supercontinuum in all-solid photonic crystal fibers with flattened normal dispersion	12:20 – 12:40	Hakan Keskin (Department of Physics, METU, Turkey) Dispersion Management of Optically Pumped Semiconductor Disc Laser for THz Generation		
12:40 – 13:00	Teodor Milenov (Bulgarian Academy of Sci.) Some preliminary studies of the deposition of graphene/ graphene-related phases on different substrates by thermal decomposition of acetone	12:40 – 13:00	Heribert Eisele (University of Leeds, UK) Generation of Terahertz Radiation with Negative Differential Resistance Devices		
13:00 – 14:00 lunch		13:00 – 14:00 lunch		13:20 – 14:00 lunch	
14:00 – 15:30	poster session and discussion	14:00 – 14:20	Adonis Bogris (TEI of Athens) Intensity Noise Properties of Mid-Infrared Injection Locked Quantum Cascade Lasers: II. Experiments	departures	
		14:20 – 14:40	Aleksandar Daničić (University of Belgrade, Serbia) Realization of negative refraction in the THz spectral range via quantum cascades		
		14:40 – 15:00	Dragan Indjin (University of Leeds, UK) Optical power roll-over in terahertz quantum-cascade lasers: the scattering electron transport route to optical feedback model		
		15:20 – 15:40	Johan Stiens (VUB ETRO-IR, Belgium) (recent results)		
		15:40 – 16:00	Dan Mihăilescu (University of Bucharest, Romania) Modeling THz spectroscopy experiments on lysozyme and camel antibody binding		
16:00 – 16:30 closing remarks and coffee					