

Program NOA'2018

Wednesday, 23 May

18:00-20:00	registration	
19:00-21:00	DINNER	

Thursday, 24 May

	7:30-8:45	breakfast
9:00 - 10:30	SESSION 1 Chairman: Fedor Mitschke	
09:00	<i>opening of the workshop</i>	
09:15 - 9:45	Gaetano Assanto	Random laser beaming in liquid crystals
09:45-10:15	Wiesław Królikowski	All-optically induced Quasi-phase matched nonlinear structures in ferroelectric crystals
10:15 - 10:30	Paweł Karpiński	Nonlinear diffraction in orientation-patterned semiconductors
	10.30 – 11.00 coffee break	
11:00 - 12:30	SESSION 2 Chairman: Gaetano Assanto	
11:00 - 11:30	Ulf Peschel	Nonlinearity and extreme events in an AlGaAs waveguide
11:30 - 12:00	David Hagan	Time-domain nonlinear refraction - toward tailorable nonlinear optical responses
12:00 - 12:15	Karol Tarnowski	Polarized all-normal dispersion supercontinuum up to 2.5 μm in microstructured silica fiber
12:15 - 12:30	Sylwia Majchrowska	The influence of attenuation on a self-organized second harmonic generation in a germanium doped microstructured silica fiber
	12.30 – 14.00 LUNCH	
14:00 - 15:30	SESSION 3 Chairman: Wiesław Królikowski	
14:00 - 14:30	Fedor Mitschke	Fiber-Optic Solitons in a Nonintegrable Environment
14:30 - 15:00	Detlef Kip	Precision-diced ridge waveguides in LiNbO ₃ for efficient amplifiers, lasers and frequency conversion
15:00 - 15:15	Alejandro Dominguez Lopez	Long-Range and High-Resolution Distributed Optical Fiber Sensor based on Stimulated Brillouin Scattering
15:15 - 15:30	Krzysztof Markiewicz	Comparison between BOTDA and C-OTDR measurement techniques employed to shape sensing using multicore fibers
	15.30 – 16.00 coffee break	
16:00 - 17:30	SESSION 4 Chairman: Ulf Peschel	
16:00 - 16:30	Cornelia Denz	Caustic nonlinear photonic lattices
16:30 - 17:00	Roland Schiek	Rogue Waves in optical film waveguides
	17.15 – 19.00 DINNER	
	19:00 - 20:30 CONCERT at NCM	

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Friday, 25 May

	7:30-8:45	breakfast
9:00 - 10:30	SESSION 5 Chairman: Cornelia Denz	
09:00 - 9:30	Bouchta Sahraoui	Modulation and diagnostic of Nonlinear Optical Response in some highly conjugated BODIPY and based Metal ion coordination organometallic complexes
09:30 - 9:45	Karolina Waszkowska	Design and elaboration of new multifunctional (supra)molecular architectures for nonlinear optical applications
9:45 - 10:00	Anna Popczyk	Thiophene derivatives for nonlinear optics and light amplification
10:00 - 10:15	Anna Zawadzka	Nonlinear Optical Properties of Oxide Thin Films
10:15 - 10:30	Marzena Sala - Tefelska	Blue phase properties in cylindrical and rectangular geometries
	10.30 – 11.00 coffee break	
11:00 - 12:30	SESSION 6 Chairman: Bouchta Sahraoui	
11:00 - 11:30	Roberto Morandotti,	High dimensional entangled photon states on a chip
11:30 - 12:00	Marek Trippenbach	Exotic Forms of Four Wave Mixing
12:00 - 12:15	Aleksandr Ramaniuk	Optimization of optical properties of photonic crystal fibers infiltrated with carbon tetrachloride for supercontinuum generation with sub-nJ femtosecond pulses
12:15 - 12:30	Van Thuy Hoang	Supercontinuum generation in hollow-core photonic crystal fiber infiltrated with liquids
	12.30 – 14.00 LUNCH	
14:00 - 15:30	SESSION 7 Chairman: Roberto Morandotti	
14:00 - 14:30	Omer Ilday	Nonlinear feedback-driven laser-material interactions
14:30 - 14:45	Dominik Dobrakowski	Development of highly nonlinear polarization maintaining fibers with normal dispersion across entire transmission window
14:45 - 15:00	Damian Michalik	Design of all-dispersion single-mode tellurite photonic crystal fiber for coherent supercontinuum generation
15:00 - 15:15	Pawel Moszczyński	Energy transfer between linearly polarized laser beam and modes in hybrid asymmetric liquid crystal cell
15:15 - 15:30	Anupama Rampur	Far-detuned parametric conversion in suspended core, heavy metal oxide soft glass fibers
	15.30 – 16.00 coffee break	
16:00 - 17:30	SESSION 8 Chairman: Marek Trippenbach	
16:00 - 16:30	Urszula Laudyn	Walk-off control in nematic liquid crystals
16:30 - 16:45	Michał Kwaśny	Electro-optical splitters in liquid crystal waveguides
16:45 - 17:00	Iga Ostromecka	Application of thermal nonlinearity for all-optical light beam switching
17:00 - 17:15	Jacek Piłka	Pattern creation using photoorientation effect
17:15 - 17:30	Bartłomiej Klus	Liquid crystalline optical power limiters
17:30 - 17:45	Filip Sala	Influence of heat diffusion on molecular reorientation in nematic liquid crystals
	18:30 – 20.00 CONFERENCE DINNER	

Saturday, 26 May

	7:30 - 9:45	breakfast
10:00 - 13:00	Laboratory Tour	Visit to Wrocław University of Science and Technology
	13.00 – 14.00 LUNCH	
14:00 - 17:00	Panel Discussion	"What are the latest trends in nonlinear photonics", "What are the upcoming important applications ..."