



Summer School on
Ultra-Short Pulse Laser Applications in Material Processing 2019
Processing Transparent Materials with Ultra-Short Pulse Lasers
 July 07-12, 2019 | Vilnius, Lithuania

FINAL PROGRAMME

	NFTMC	NFTMC	NFTMC		LITEK
	Mo, 2019-07-08	Tu, 2019-07-09	We, 2019-07-10	Th, 2019-07-11	Fr, 2019-07-12
8:00	Registration				
8:30	Opening				
9:00	Peter Balling <i>Ultrashort-pulse laser excitation of dielectrics</i>	Razvan Stoian <i>Smart ultrafast laser structuring of bulk transparent materials on micro and nanoscales: process dynamics and applications</i>	Peter Herman <i>Quantized structuring of transparent films / waveguides, gratings in fibers</i>	Social program /excursion	Paulius Gečys <i>Bessel beam shaping for transparent material processing</i>
10:00	Leonid Zhigilei <i>Atomistic modelling of laser-material interactions</i>	Peter Balling <i>Ultrashort-pulse laser excitation of dielectrics</i>	Francois Courvoisier <i>Ultrafast laser processing with nondiffracting beams</i>		Domas Paipulas <i>Photonic device integration in transparent materials using ultrafast lasers: challenges and prospects</i>
11:00	coffee & discussion	coffee & discussion	coffee & discussion		coffee & discussion
11:30	Nadezda Bulgakova <i>Femtosecond laser induced dynamics of the processes in transparent solids</i>	David Grojo <i>Femtosecond laser 3D modifications in transparent materials: from dielectrics to semiconductors</i>	Mangirdas Malinauskas <i>Ultrafast laser true 3D nanolithography of organics and inorganics</i>		Gediminas Račiukaitis <i>Future Perspectives in Ultra-Short Pulse Laser Applications in Material Processing</i>
12:30	student presentations	student presentations	student presentations		Laboratory tour
13:30	Lunch	Lunch	Lunch	Lunch on a way	Lunch
14:30	Konstantin Mishchik <i>Key challenges in industrial femtosecond laser processing of glass and other transparent brittle materials</i>	Claude Phipps <i>Lasers for space: Years of promise are becoming reality</i>	Ya Cheng <i>Femtosecond Laser 3D Micromachining for Microfluidic and Optofluidic</i>	Social program /excursion	Company tour
15:30	student presentations	student presentations	student presentations		Closure & BBQ @ LITEK
16:30	coffee & discussion	Posters, coffee & discussion	coffee @ Light Conversion		
19:30	Welcome party				
21:00	Old Town				