

Monday, August 29, 2016	Tuesday, August 30, 2016	Wednesday, August 31, 2016	Thursday, September 1, 2016	Friday, September 2, 2016	8:00
	Registration	Registration	Registration	Registration	8:00
	Opening Remarks	Koji Sugioke , RIKEN Center for Advanced Photonics, Japan, "Hybrid subtractive and additive 3D microprocessing using femtosecond laser for functional biochip fabrication"	David Geohegan , Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, USA, "Laser Synthesis and Characterization of Photoresponsive Low-Dimensional Nanomaterials"	José Ferreira , University of Aveiro, Portugal, "3D additive manufacturing of highly bioactive alkali-free glass scaffolds for healthcare applications"	8:30
	V. Westphal, Stefan Hell , Max Planck Institute for Biophysical Chemistry, Germany, "Optical microscopy: the resolution revolution"	Micha Asscher , The Hebrew University of Jerusalem, Israel, "Photo-excited electrons from plasmonic nanostructures inducing surface photochemistry"	Yoshiaki Nakata , Institute of Laser Engineering, Osaka University, Japan, "Nanofabrication by interference pattern of coherent beam"	Anna Paola Caricato , Università del Salento, Italy, "MAPLE-deposited polymeric film and heterostructures towards innovative organic light-emitting devices"	9:00
	Richard Haglund , Vanderbilt University, USA, "Ultrafast Optical Switching in Hybrid Silicon-Vanadium Dioxide Nanophotonic Modulators"	Panagiotis Loukakos , Institute of Electronic Structure and Laser, Greece, "Ultrafast laser-induced processes on surfaces at the micro/nano-scale by temporally-shaped fs laser pulses"	Ashok Vasessita , International Clean Water Institute, USA, "4D-Printed Hydrogel Based Composite Structures by Additive Processing"	Rui Vilar , Centre of Physics and Engineering of Advanced Materials, University of Lisbon, Portugal, "Femtosecond laser treatment of biomaterials and biological tissues surfaces"	9:30
	Nicolae-Victor Zamfir , ELI-NP, Romania, "Extreme Light Infrastructure – Nuclear Physics (ELI-NP): Status and Perspectives"	Alexander Bulgakov , Kutateladze Institute of Thermophysics, Russia, "Initiation of air ionization by ultrashort laser pulses: Evidence for a role of metastable-state air molecules"	Doug Chrisey , Tulane University, Dept. of Physics and Engineering Physics, USA, "PulseForge Curing of Electronic and Energy Materials"	Jørgen Schou , Technical University of Denmark, Denmark, "Compression of dry lysozyme targets: A new parameter in protein thin film production"	10:00
	Mitsuhiro Terakawa , Keio University, Japan, Fabrication of metal nanostructures on various dielectric substrates: the effect of thermal diffusivity	Adrian Petris , I.N.F.L.P.R., Romania, "Light-induced spatial phase modulation in films of DNA-CTMA-DR1 investigated using a pump – probe interferometric method"	Mihai A. Girtu , Ovidius University of Constanta, Romania, "DFT Study of Photocatalytic Degradation of Common Antibiotics on TiO2 Nanoclusters"	Miroslav Jelinek , Institute of Physics of the Czech Academy of Sciences, Czech Republic, "Hybrid laser technology and doped biomaterials"	10:30
	Mizue Mizoshiri , Department of Micro-Nano Systems Engineering Nagoya University, Japan, "Direct-writing of Cu-Ni micropatterns using femtosecond laser reduction of CuO/NiO nanoparticles"	Paolo Ossi , Politecnico di Milano, Italy, "Nanostructure and optical properties of noble metal particles prepared by nanosecond and picosecond ablation in liquid"	Takehito Yoshida , National Institute of Technology, Anan College, Japan, "Enhanced photocatalytic activities of PLD TiO2 films supporting Au nanoparticles under UV irradiation"	Laurentiu Rusen , I.N.F.L.P.R., Romania, "In vitro behaviour of human mesenchymal stem cells on smart biointerfaces obtained by laser methods for tissue engineering applications"	10:30
	Coffee break	Coffee break	Coffee break	Coffee break	11:00
	Vitaly Konov , A.M. Prokhorov General Physics Institute of RASe Russia, "Laser induced nanoablation of diamond"	Stela Canulescu , Technical University of Denmark, Denmark, "Angular distribution of ablated species from a multicomponent target in vacuum and background gas"	Peter Balling , Dept. of Physics and Astronomy, Aarhus University, Denmark, "Understanding the optical properties of ultrashort-pulse laser excited dielectric materials"	Yang Liao , Shanghai Institute of Optics and Fine Mechanics, China, "Far-field nanostructuring in dielectric materials enabled by near-field enhancement of laser-induced nanoplasma"	11:30
	Thomas Lippert , Paul Scherrer Institute Switzerland, "Laser processing of low power integrated gas sensors with carbon materials sensing layers"	Nadezhda Bulgakova , HILASE Centre, Institute of Physics Czech, Republic, "Ultrafast laser light absorption in dielectrics: Focusing into the bulk versus surface irradiation"	Esther Rebellar , Instituto de Química Física Rocasolano, Spain, "Laser fabrication of polymer ferroelectric nanostructures. Application for non-volatile organic memory devices"	Alexander Pikulin , Institute of Applied Physics of Russian Academy of Sciences, Russia, "Effects of the quencher diffusion and the photoinitiator depletion on the spatial resolution and performance of direct laser writing by multiphoton polymerization"	12:00
	Alessandro De Giacomo , University of Bari, Italy, "Pulsed Laser Ablation in Liquid for Nanoparticles production: fundamental aspects and perspectives"	Ioan Schneider , Université du Havre, France, "Molecular resonances: from electron/ion to photon/neutral collisions ... and backwards"	Pere Serra , Universitat de Barcelona, Spain, "Laser printing: an alternative approach"	Evaldas Stankevicius , Center for Physical Sciences and Technology, Lithuania, "Laser interference lithography in case of nanosecond and picosecond laser pulses"	12:00
	Camelia Ghimbeu , Institut de Science des Matériaux de Mulhouse, France, "Laser assisted design of mesoporous carbon with embedded magnetic metal nanoparticles"	Peter Hess , Institute of Physical Chemistry, University of Heidelberg, Germany, "Laser-based realization of 1D guided topographical wedge waves with unrivaled nonlinearity"	Magdalena Nistor , I.N.F.L.P.R., Romania, "Comparison of pulsed electron beam deposition and pulsed laser deposition methods"	Suzana Petrović , Institute of Nuclear Sciences Vinca, Serbia, "Femtosecond laser modification of NiPd single and SAu/Pd multilayer thin films"	12:30
	Lidia Swiatek , Lodz University of Technology, Poland, "Mechanical and biological properties of multi-doped Diamond-Like Carbon coatings (DLC-Si/Ag) fabricated using modified chemical vapour deposition method"	Leonid Zhigilev , University of Virginia, USA, "Simulations of short pulse laser ablation and nanoparticle formation under spatial confinement: From background gas to liquid environment and to solid overlayer"	Jan Winter , Munich University of Applied Sciences, Germany, "Effect of pulse duration on ultrafast energy deposition in copper"	Florin Ipa , I.N.F.L.P.R., Romania, "Laser-lithography as a micro-machining tool for 3D lasertarget engineering"	12:30
	Razvan Stolan , Laboratoire Hubert Curien Université de Lyon, France, "Electronically induced rapid sub-ps structural transitions in tungsten upon ultrafast laser excitation"	Martin Garcia , Institute of Physics, Universität Kassel, Germany, "Ab-initio and classical molecular dynamics simulations of ultrafast structural phenomena in laser excited solids"	Selcuk Akturk , Istanbul Technical University, Turkey, "Diffraction-Free Femtosecond Laser Beams for Nanoscale Patterning of 2D Materials and Thin Films"	Juergen Reif , BTU Cottbus-Senftenberg, Germany, "Femtosecond-Laser-Induced Periodic Surface Structures on Magnetic Layer Targets: The Role of Magnetization"	13:00
	Razvan Stolan , Laboratoire Hubert Curien Université de Lyon, France, "Electronically induced rapid sub-ps structural transitions in tungsten upon ultrafast laser excitation"	Sebastian Weber , Technical University of Kaiserslautern, Germany, "Nonequilibrium electron dynamics in laser-excited copper and gold"	Valdemar Stankevicius , Center for Physical Sciences and Technology, Lithuania, "Influence of focusing depth for the Nanogratings Formation and Etching Selectivity in Fused Silica"	Evgeny Gurevich , Ruhr-University Bochum, Germany, "Period of Laser-Induced Periodic Surface Structures (LIPSS) Described in the Frames of Hydrodynamic Models"	13:00
	Lunch	Lunch	Lunch	Lunch	13:30
	Gabriel Popescu , University of Illinois at Urbana-Champaign, USA, "Quantitative phase imaging of nanofabricated structures"	Lionel Canioni , University of Bordeaux, France, "Multi-scale architected materials: from vortex-induced to dual-color direct laser writing in silver-containing glasses"	Alexandros Mouskefaras , Ecole Polytechnique Fédérale de Lausanne, Switzerland, "Laser-induced pressure waves in glass: time-resolved studies"	Ionela Vrejoiu , University of Cologne, II. Physics Institute, Germany, "Optical means to probe orbital ordering in epitaxial vanadate films fabricated by pulsed-laser ablation"	14:00
	George Stanciu , University Politehnica, Romania, "New achievements in laser scanning microscopy based on far field and near field"	Salvatore Amoroso , Università di Napoli Federico II Italy, "Surface structuring of silicon with femtosecond optical vortex laser beams generated by a q-plate"	Cristian Focsas , Université de Lille 1 Sciences & Technologies, France, "Oscillatory behaviour and double layer effects in high-fluence laser ablation plasmas"	Klaus Zimmer , Leibniz Institut of Surface Modification, Germany, "Nanostructuring of dielectric surfaces using nanosecond laser radiation"	14:30
	Achim Walter Hassel , Johannes Kepler University Linz, Austria, "Combinatorial Photocatalyst Screening using Photo-Electrochemical Scanning Droplet Cell Microscopy"	Dror Malka , Holon Institute of Technology, Israel, "Power Splitting of 1x16 in Multicore Photonic Crystal Fibers"	Radu Hristu , University Politehnica of Bucharest, Romania, "Anisotropy evaluation in polarization second harmonic generation imaging of collagen in histopathological samples"	Tetsuo Tsuchiya , National Institute of Advanced Industrial Science and Technology (AIST), Japan, "Development of flexible oxide thin films grown by photo-assisted MOD"	15:00
	Andrei Ionut Mardare , Johannes Kepler University Linz, Austria, "Copper-based thin film combinatorial libraries screening for sensor applications"	Valentin Craciun , I.N.F.L.P.R., Romania, "Investigations of Radiation Effects in Pulsed Laser Deposited Thin Films"	Nicoleta Tosa , National Institute for R&D of Isotopic and Molecular Technologies, Romania, "Polymer thin film surface patterning by direct laser writing"	Quang Tri Le , Instituto Superior Técnico and CeFEMA, Portugal, "Ablation behavior of dentin by femtosecond laser"	15:30
	Arthur Dogariu , Princeton University USA, "Lasing out of thin air: Remote sensing using nonlinear optics"	Jürgen Ihlemann , Laser-Laboratorium Göttingen, Germany, "Formation of silicon nanocrystals by continuous wave laser annealing of SiOx films"	Dan Savastaru , National Institute of R&D for Optoelectronics - INOE, Romania, "Simulation Of Laser Induced Absorption Phenomena In Transparent Materials"	Nicolae Enaki , Institute of Applied Physics, Republic of Moldova, "Improvement in Ultraviolet Based Decontamination rate Using Meta-materials"	16:00
	Krzysztof Jastrzebski , Lodz University of Technology, Poland, "Evaluation of mechanical and physicochemical properties of Si-DLC and Ti-DLC coatings."	Dimitar Balabanski , ELI-NP, Romania, "Gamma-beam system at ELI-NP and highlights of the experimental program"			16:30
	Coffee break	Coffee break			17:00
	Registration	Poster Session 1	Conference Excursion to Bran Castle and Rasnov Fortress	Closing remarks	17:00
		Inam Mirza , HILASE Centre, Institute of Physics, Czech Republic, "Ultrashort pulse laser processing of glass material surfaces"			17:30
	Transfer by bus to the Black Church	Razvan Dabu , ELI-NP, Romania, "High power, high intensity contrast hybrid femtosecond laser systems"			18:00
		Yoann Levy , HILASE Centre, Institute of Physics, Czech Republic, "Numerical investigation of the temperature modulation relaxation on the surfaces of Au, Ti and SiO2 upon femtosecond laser irradiation above the damage threshold"			18:30
	Visit and organ concert at the Black Church	Ovidiu Tesileanu , ELI-NP, Romania, "Combined laser-gamma beam experiments at ELI-NP"			19:00
	Welcome reception	Poster session 2			19:30
					20:00
					20:30
			Gala dinner		20:30