Posters

Nu.	Presenting author	Title	Company
1	Daisuke Nakamura	Irradiation of polarization-controlled laser pulse to material surface	KYUSHU UNIVERSITY
2	Andrius Žemaitis	Enhancement of laser ablation throughput and quality of metals by MHz burst irradiation	FTMC
3	Hiroyuki Iwata	Voids, Dislocations and Cracks Formation Caused by Internal Focusing Pulse Laser Processing for Crystalline Semiconductor	AICHI INSTITUTE OFTECHNOLOGY
4	Tobias Steege	Automated Data collection for AI approaches in Laser Surface Texturing for enhanced process optimization	FRAUNHOFER IIWS
5	Shuta Kanai	Analysis of temporal changes in temperature distribution at a laser spot in the Selective Laser Thermoregulation system measured by a high-speed radiation thermometer	TOKYO UNIVERSITY OF TECHNOLOGY / Student
6	Emanuel Axente	Gingival cells behavior on picosecond laser-textured TiAl6V4 surfaces for dental abutments	INFLPR
7	Luis Rodriguez Cobo	Transparent Organ-on-Chip for the Cultivation of Live Cells	UNIVERSITY OF CANTABRIA, CIBER-BBN, IDIVAL
8	Bruno Henriques	Direct Laser Interference Patterning of zirconia using nano- and picosecond laser	UNIVERSIDADE DO MINHO
9	Gorka Muñoz-Arrieta	Replication of micro and nanostructures generated with femtosecond lasers using hot embossing technique	CEIT
10	Mantas Mikalkevičius	Nano-ripple formation and coverage with Ag nanoparticles for Raman signal enhancement applications	LTS-FTMC / Student
11	Masayuki Kakehata	Laser-induced periodic surface structures on zirconia ceramics formed by irradiation of femtosecond two-color double-pulse sequences	AIST
12	Celia Gómez Galdós	Surface texturization on fused silica via ultra-fast laser-assisted etching technique	UNIVERSIDAD DE CANTABRIA / Student
13	Enrique Castaño	Femtosecond pulsed laser treatment of hard metal tools	CEIT
14	Ignacio Tabares	Optical monitoring of periodical structure formation on light metals during a single laser pulse in the nanosecond regime	TECHNISCHE UNIVERSITÄT DRESDEN / Student
15	Isabel Ayerdi	Surface pre-treatment using USP (ultra-short pulse) laser technology in industrial printing: improving ink adhesion on low wettability plastics	CEIT
16	Oihane Beldarrain	Structural colour through the synergy of laser induced periodic surface structures (LIPSS) and physical vapour deposition (PVD) coatings	CEIT

Nu.	Presenting author	Title	Company
17	Rajeev Rajendran	Femtosecond Laser Processed Coverslips for Neuronal Cell Culturing Applications	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY / Student
18	Keisuke Takenaka	Formation of femtosecond laser induced periodic surface structures on medical polymer for control of cell behaviour	OSAKA UNIVERSITY
19	Andrés Fabián Lasagni	Fabrication of foamed GO-hydrogel nanocomposite surfaces using 532 nm laser radiation	TECHNISCHE UNIVERSITÄT DRESDEN
20	Andrés P. Bernabeu	Optimizing femtosecond laser processing of commercial polymers by fine control of the thermal and absorption process	UNIVERSIDAD DE ALICANTE / Student
21	Andrés P. Bernabeu	Improving the efficiency of photopolymerized PVA/AA gratings by high frequency femtosecond-laser direct writing	UNIVERSIDAD DE ALICANTE / Student
22	Kenta Tokumi	Quantitative measurement of femtosecond laser-induced stress field by single-shot imaging	UNIVERSITY OF TOKYO / Student
23	Víctor Arroyo Heras	Design of surface waveguides for enhanced light extraction fabricated by direct femtosecond laser writing in crystals	UNIVERSIDAD DE SALAMANCA / Student
24	Tobias Bessel	Continuous Synthesis of Colloidal and surfactant-free sub-3nm Nanoparticles by Pulsed Laser Fragmentation in Liquid	UNIVERSITY OF DUISBURG-ESSEN
25	Jan Siegel	Amorphization and ablation of crystalline silicon using ultrashort lasers: dependencies on the pulse duration and irradiation wavelength	CSIC
26	Javier Prada-Rodrigo	Femtosecond Laser Structuration for Functionalization of Optical Windows	LABORATOIRE HUBERT CURIEN
27	Weijie Liu	Femtosecond laser writing of twisted waveguide array: fabrication and application	SHANDONG UNIVERSITY / Student
28	Alejandro San Blas	Fano resonances in laser induced surface structures for sensing applications	FAGOR AUTOMATION
29	Modestas Sadauskas	Electroless chemical copper micro trace deposition on dielectric surface	FTMC / Student
30	Bogdan Voisiat	Fourier Analysis with Gini Coefficient: A New Approach to Assess Surface Topography in Direct Laser Interference Patterning	TECHNISCHE UNIVERSITÄT DRESDEN

Voting for the LPM2024
Outstanding Student
Paper Award (Poster)