

ICPPP21 International Conference on Photoacoustic and Photothermal Phenomena

Monday 20 June 2022

Laser Ultrasonics (11:00-13:00)

time	[id] title	presenter
11:00	[82] KN5- Alexey V. Scherbakoy: Driving coherent phonons and magnons by light - KEYNOTE LECTURE	
11:30	[83] KN6- Oliver Wright: Imaging acoustic waves in 2D confined by hook or by crook - KEYNOTE LECTURE	
12:00	[84] O22- Georg Watzl: In situ laser-ultrasonic characterization of plates through zero-group-velocity- and thickness resonances	
12:20	[85] O23- Sylvain Mezil: Zero-group-velocity Lamb mode's behaviour in the vicinity of a thickness step	
12:40	[86] O24- Guiq Yan: Zero-group velocity resonance spectroscopy for bulk acoustic wave resonator characterization	

Laser Ultrasonics (14:10-16:20)

time	[id] title	presenter
14:10	[97] KN8- Osamu Matsuda: Optical generation and detection of GHz longitudinal and transverse acoustic waves in transparent medium with metallic grating structure - KEYTONE LECTURE	
14:40	[112] O25- Clemens Grünsteidl: Laser-ultrasonic characterization of plates based on discrete points in their Rayleigh-Lamb dispersion spectra	
15:00	[98] O26- Michal Kobecki: Giant photoelasticity of the superlattice polaritons for laser ultrasonics	
15:20	[99] O27- Bernhard Reitingner: Defect detection in additively manufactured parts by laser ultrasonic tomography	
15:40	[100] O28- Martin Ryzy: Measurement of the acoustic loss at GHz frequencies using laser-excited plate resonances	
16:00	[111] O29- S. Izak Ghasemian: Optical and ultrasound imaging of shear wave generated by laser induced cavitation bubbles	

Laser Ultrasonics (16:50-19:00)

time	[id] title	presenter
16:50	[119] O30- Carlos Serpa: Broadband high-frequency laser ultrasound generation and applications towards biological membranes	
17:10	[120] O31- Jude Deschamps: Reaching the shock limit via synchronous laser ultrasonics	

17:30	[121] O32- Daniele Vella: Ultrasonic emitter based on photoacoustic polymer graphene nanocomposites	
17:50	[122] O33- Darja Horvat: Laser-induced shock wave expanded nanobubbles in spherical geometry	
18:10	[123] O34- Jaka Mur: Microscale shockwave characterization following dual threshold laser-induced breakdown	
18:30	[124] O35- Ziga Lokar: Ultrafast measurement of laser induced shockwave	