ICPPP21 International Conference on Photoacoustic and Photothermal Phenomena

Monday 20 June 2022

Material Research and Characterization (11:00-13:00)

time	[id] title	presenter
11:00	[77] KN3- Mauro Luciano Baesso: Photoacoustic and photothermal methods towards the characterization of solar energy conversion technologies: progress to date - KEYNOTE LECTURE	
11:30	[78] KN4- Fulvio Mercuri: Thermographic imaging for applications in cultural heritage - KEYNOTE LECTURER	
12:00	[79] O9- Blaž Belec: Topological insulator nanoparticles - material with prospect for photothermal applications	
12:20	[80] O10- Samuel Raetz: 3D imaging of water ice under high-pressure non-hydrostatic load by time-domain Brillouin scattering	
12:40	[81] O11- Samuel Raetz: Real-time monitoring of light-induced curing of organosilicate glass low-k films by time-domain Brillouin scattering	

Material Research and Characterization (14:10-16:20)

time	[id] title	presenter
14:10	[92] KN7- Ernesto Marín-Moares: Front detection laser-spot active infrared thermography for thermal characterization of insulating solids - KEYNOTE LECTURE	
14:40	[93] O12- Alexander Melnikov: High-frequency heterodyne lock-in carrierography (HeLIC) and thermography (HeLIT) imaging of optoelectronic materials	
15:00	[94] O13- Andreas Mandelis: Characterization of photocarrier properties and their associated trap-state transport parameters of CdZnTe using heterodyne lock-in carrierography imaging and deep level photo-thermal spectroscopy	
15:20	[95] O14- Diksha Singh: Thermal and optical properties of mixed CdTe and ZnTe based crystals	
15:40	[96] O15- Jacek Zakrzewski: Photothermal Spectroscopy of Cd1-xBexTe Mixed Crystals	
16:00	[110] O16- Karol Strzałkowski: Simultaneous thermal and optical characterization of semiconductor materials exhibiting high optical absorption by photopyroelectric spectroscopy	

Material Research and Characterization (16:50-19:00)

time	[id] title	presenter
16:50	[113] KN10- Tomaz Catunda: Refractive index changes in solid state laser materials - KEYNOTE LECTURE	

17:20	[114] O17- Vladislav R. Khabibullin: Correctness of assessment of thermophysical properties of solvents by dual-beam thermal-lens spectrometry	
17:40	[115] O18- Evgeny Vyrko: Combining micro- and macroscopic approaches in a model of a thermal lens experiment in disperse media spectrometry	
18:00	[116] O19- Anna Kaźmierczak-Bałata: Heat transport in polycrystalline oxide thin films	
18:20	[117] O20- Dorota Korte: Porosity measurements in cellulose/chitosan biopolimers with added sporopollenin	
18:40	[118] O21- Mioljub Nešić: Thermoelastic and optical properties of PLLA estimated by photoacoustic measurements	