



# Photorefractive Photonics and Beyond

## Thursday, 8 September 2022

**Poster session - in presence (16:40 - 18:15)**

[id] title	presenter	board
[51] The impact of self-trapped excitons for the photophysics of lithium niobate	IMLAU, Mirco	
[54] Insight to small polaron kinetics in lithium tantalate	PFANNSTIEL, Anton	
[32] Nonlinear Optical Effect of Natural Dyes Extracted from Hibiscus Sabdariffa with its Application as an All-Photonic Switching	Prof. AL-TAMEEMI, Haitham Lafta Saadon Dr ALHAMADANI, Maha Abdulhussein Rahmah	
[49] Electronic balls and photonic clubs in photogalvanic lithium niobate: a first principles approach	BAZZAN, Marco	
[55] NIR-to-NIR-imaging via polar oxide nanoparticles	VITTADELLO, Laura	
[60] Optical response of the newly discovered hexagonal phase of Ta <sub>2</sub> O <sub>5</sub> (calculated) from first principles	Ms FINK, Christa Mr BERNHARDT, Felix	
[59] Optical response of strained LiNbO <sub>3</sub> crystals from first principles	PIONTECK, Mike Nico	
[58] Composition dependent optical properties of LiNb <sub>x</sub> Ta <sub>(1-x)</sub> O <sub>3</sub> solid solutions	BERNHARDT, Felix	
[9] Three modes of the nonstationary holographic current excitation in a gallium oxide crystal	Dr BRYUSHININ, Mikhail	
[53] NLO characterization of harmonic LNT nanoparticle pellets by means of nonlinear diffuse fs-pulse reflectometry	KODDE, Felix	
[27] Real-time manipulation of microparticles in aqueous media by photovoltaic optoelectronic tweezers operating at high light intensities	Mr SEBASTIÁN-VICENTE, Carlos	
[31] High-Performance Co-Doped Photorefractive Sn <sub>2</sub> P <sub>2</sub> S <sub>6</sub> Crystals	Prof. GRABAR, Alexander	
[68] Optofluidic platform for the manipulation of water droplets on engineered LiNbO <sub>3</sub> surfaces	CREMASCHINI, Sebastian	