

Photorefractive Photonics and Beyond

Tuesday, 6 September 2022

Materials micro- and nano-engineering: (session chair: prof. Virginie Coda) (14:30 - 16:30)

time	[id] title	presenter
14:30	[30] Multifunctional materials for emerging technologies	ROSEI, Federico
15:05	[61] Optical response of $\text{LiNb}_{1-x}\text{Ta}_x\text{O}_3$ solid solutions calculated from first principles.	SANNA, Simone
15:40	[33] MgO-LiNbO ₃ film: an appealing photorefractive medium	Prof. CHAUVET, Mathieu
16:05	[10] Pyroelectric field-assisted domain engineering in lithium niobate and lithium tantalate using femtosecond laser pulses	IMBROCK, Jörg

Materials micro- and nano-engineering: (session chair: prof. Eugenio Fazio) (16:55 - 18:20)

time	[id] title	presenter
16:55	[20] Solution-deposited BiFeO_3 films: Photovoltaic effect & electro-optic response in dependence of doping & substrate stress	GRANZOW, Torsten
17:30	[36] Influence of substrate stress on the electro-optic effect in polycrystalline bismuth ferrite films	BLAZQUEZ MARTINEZ, Alfredo
17:55	[42] Amplitude, phase, and polarization control of light wave with double phase meta-surface	Prof. SHIMURA, Tsutomu