



# 20th Brazilian Workshop On Semiconductor Physics

**mercredi 14 septembre 2022**

**Lightning Talk: Session 1 (15:00 - 16:00)**

time	[id] title	presenter
15:00	[13] Using terahertz spectroscopy to investigate optical phonons in PbTe thin films	MASSARICO KAWAHALA, Nicolas
15:05	[14] Electronic study of the doped carbon nanotube	AMORIM GONÇALVES, Vanessa
15:10	[15] Sublinear drag regime at mesoscopic scales in viscoelastic materials	S. DE SOUSA, Jeanlex
15:15	[16] Stark many-body localization in spin-chains with single-ion anisotropy	GUIMARÃES SOUSA, Márcio
15:20	[17] Obtaining realistic parameters for effective Hamiltonians from ab initio fitting	BARROS WANDERLEY, Adilson
15:25	[87] Effects of surface acoustic waves in the photoluminescence of WSe <sub>2</sub> monolayers	LUIZ FERREIRA GOMES, Marcos
15:30	[88] Type-II induced quantum confinement in type-I heterostructured semiconductor nanowires	FERNANDO OLIVEIRA LARA, Temerson
15:35	[89] Magneto Optical properties of monolayer MoWSe <sub>2</sub>	RICARDO RABAHI, César
15:40	[90] Defect activated optical Raman modes in single layer MoSe <sub>2</sub>	OFREDI CARDOSO FÁBIO, Maia
15:45	[91] Exchange interaction mediated by Weyl Fermi arcs	FERREIRA ALVES, João Victor