

20th Brazilian Workshop On Semiconductor Physics

jeudi 15 septembre 2022

Lightning Talk: Session 2 / Sponsors Session (15:00 - 16:00)

time	[id] title	presenter
15:00	[92] Hyperbolic surface exciton-polaritons at superlattices of 2D materials	RODRIGUES ANDRADE, Michel
15:05	[93] Kondo effect in a quantum dot embedded between topological superconductors	RAMOS-ANDRADE, Juan Pablo
15:10	[94] Investigation of electrically controlled charge Qubit in van der Waals	BRIZOLLA, Gusthavo
15:15	[95] Ultrafast Excitation Dynamics of Spin Polarons	C. P. VAN KOOTEN, Sjoerd
15:20	[96] Development and optimization of the anti-reflective layer for SWIR devices	GOMES RUA, Marcelo
15:25	[97] High-energy Landau levels in graphene beyond first nearest-hopping processes: Corrections to the effective Dirac Hamiltonian	JOHNMAR URCIA VIDARTE, Kevin
15:30	[98] Anisotropic excitonic effects on 2D black phosphorus: an ab initio approach considering the DFT-1/2 method	M. N. THOMEN, Diana
15:35	[99] Quantum emitters in monolayer WSe ₂ on nano-roughness glass substrates	CAVALINI, Camila
15:40	[100] Efficient and extensible tight-binding model for twisted bilayer graphene	MORELE DUARTE, Victor Gabriel
15:45	[101] Valley-current filter in bilayer graphene based on Magnus Hall effect	NOBRE DOS SANTOS, Sergio Levy