

Lightning talk - Session 1 (Wed 14/09)

The presentation order of the lightning talk will obey the following sequence, noting that all speakers of the session should be present at the beginning of the session and give in advance the slide presentation. Please, read the Lightning Talk Format page at the beginning of the abstract book.

1. Nicolas Massarico Kawahala Instituto de Física, USP *"Using terahertz spectroscopy to investigate optical phonons in PbTe thin films"*

2. Vanessa Amorim Gonçalves Federal University of Mato Grosso *"Electronic study of the doped carbon nanotube"*

3. Jeanlex S. de Sousa Universidade Federal do Ceará *"Sublinear drag regime at mesoscopic scales in viscoelastic materials"*

4. Márcio Guimarães Sousa Universidade Federal de Uberlândia *"Stark many-body localization in spin-chains with single-ion anisotropy"*

5. Adilson Barros Wanderley Instituto de Física de São Carlos da Universidade de São Paulo *"Obtaining realistic parameters for effective Hamiltonians from ab initio fitting"*

6. Marcos Luiz Ferreira Gomes Universidade Estadual de Campinas *"Effects of surface acoustic waves in the photoluminescence of WSe₂ monolayers"*

7. Temerson Fernando Oliveira Lara Federal University of Mato Grosso/Federal University of Ceará *"Type-II induced quantum confinement in type-I heterostructured semiconductor nanowires"*

8. César Ricardo Rabahi Federal University of São Carlos (UFSCar) *"Magneto Optical properties of monolayer MoWSe₂"*

9. Maia Ofredi Cardoso Fábio Universidade Federal de Minas Gerais *"Defect activated optical Raman modes in single layer MoSe₂"*

10. João Victor Ferreira Alves Universidade de São Paulo *"Exchange interaction mediated by Weyl Fermi arcs"*