



**BPU11 CONGRESS****Monday 29 August 2022****S09 Theoretical, Mathematical and Computational Physics - Hall 301F (14:30 - 16:00)****-Conveners: Borislav Gajić**

time	[id] title	presenter
14:30	[302] Fractional calculus in modelling hereditariness and nonlocality in transmission lines	ZORICA, Dušan
15:00	[197] Dynamics of Entropy Production in Open Quantum Systems	Prof. ISAR, Aurelian
15:15	[196] Coupled discrete solitonic equations and the periodic reduction	BABALIC, Corina Nicoleta
15:30	[192] The Role of Size and Shape in the Stability of the Quantum Brownian Rotator	Dr PETROVIĆ, Igor
15:45	[96] A weighted particle scheme for solving the Enskog-Vlasov equation in spherical geometry	Dr BUSUIOC, Sergiu