



# 23rd International Young Scientists Conference Optics and High Technology Material Science - SPO 2022 ONLINE "STAND WITH UKRAINE"

## Friday 25 November 2022

### Quantum coherence and Nonlinear Optics - Hybrid (14:30-16:15)

-Conveners: Artem Levchuk

time	[id] title	presenter
14:30	[104] Towards a quantum simulator on circular Rydberg atoms	Dr DOTSENKO, Igor
15:00	[54] Population dynamics in ionized nitrogen molecule: evidence of laser without inversion	Dr DANYLO, Rostyslav
15:15	[111] Wavelength dependent Raman scattering: Fundamentals and application to material science	Dr WEBER, Mads C.
15:45	[112] Peculiarities of dye lasing in thin organic-inorganic films	Mr PODSHEBIAKIN, Artem