Workshop for Applied Nuclear Data Activities (WANDA 2023)

Monday, 27 February 2023

Session I: Gamma Strength Functions & Level Densities - Arlington Ballroom 1 & 2 (13:00 - 17:00)

-Conveners: Gencho Rusev; Stephanie Lyons

time	[id] title	presenter
13:00	[53] The case for an evaluated database of statistical nuclear quantities	Dr BERNSTEIN, Lee
13:30	[55] The case for some TLC	Dr ESCHER, Jutta
13:42	[56] Nuclear level densities and gamma-strength functions in astrophysics	Dr MUMPOWER, Matthew
13:54	[57] Overview of theoretical efforts on microscopic nuclear level densities	Dr KARAMPAGIA, Sofia
14:06	[58] Using neutron resonance parameters from advanced experiments and analysis to improve NLDs and gSFs	Dr KOEHLER, Paul
14:18	[59] Discussion	
15:00	Break	
15:20	[60] NLD and gSF in rare isotopes with the beta-Oslo method	Dr LIDDICK, Sean
15:32	[62] Data needs for inline cascades	Dr LEWIS, Amanda Dr LEWIS, Amanda
15:44	[67] Data on level densities from evaporation sepectra experiments	Dr VOINOV, Alexander
15:56	[63] Experimental Constraints for Statistical Quantities for Nuclear Astrophysics	Dr RICHARD, Andrea
16:08	[64] Building a predictive theory of photoabsorption/deexcitation: Needs and Opportunities	Dr SCHUNCK, Nicolas
16:20	[68] Discussion	