



# Bottom-Up Cross-Cutting Workshop “JENAS Initiative: Gravitational Wave Probes of Fundamental Physics”

## Tuesday, 13 February 2024

**WG2: Nuclear and atomic physics and their role in multi-messenger astronomy: Overview and contributed talks - Physics Department - Aula Amaldi (Marconi Building) (10:45 - 13:00)**

time	[id] title	presenter
10:45	[79] Overview by Conveners	STEINHEIMER-FROSCHAUER , Jan STROTH, Joachim
11:15	[66] Nonequilibrium evolution of quarkonium inside the Quark Gluon Plasma	VAIRO, Antonio
11:40	[67] Nuclear physics inputs for neutron stars and nucleosynthesis simulations	GRAMS, Guilherme
12:05	[72] NMMA: A nuclear-physics and multi-messenger astrophysics framework to analyze binary neutron star mergers	KUNERT, Nina
12:30	[77] Decoding the phase structure of QCD via particle production at high energy	ANDRONIC, Anton