



# Quinto Incontro Nazionale di Fisica Nucleare INFN 2022

## Monday, 9 May 2022

### Astrofisica nucleare II - Auditorium "E. Fermi" (14:30 - 16:10)

time	[id] title	presenter
14:30	[34] The relevance of Muons and Trapped Neutrinos in the microphysics of Binary Neutron Star mergers	LOFFREDO, Eleonora
14:50	[15] LUNA at LNGS: Status and perspectives	CACIOLLI, Antonio
15:10	[58] Thermal effects on nuclear matter properties	TONETTO, Lucas
15:30	[54] ERNA commissioning for the $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$	SANTONASTASO, Claudio
15:50	[33] Shedding light on $^{17}\text{O}(n, \alpha)^{14}\text{C}$ reaction at astrophysical energies with Trojan Horse Method and Asymptotic Normalization Coefficient	GUARDO, Giovanni Luca