



# meeting PRIN NAT-NET

## Tuesday, 6 July 2021

### Session 2: WP3 Sources and fluxes of neutrinos and other messengers (14:30 - 15:15)

-Conveners: Giulia Pagliaroli; Alessandro Mirizzi

time	[id] title	presenter
14:30	[25] The role of unresolved pulsar wind nebulae to the gamma-ray diffuse emission at GeV	Ms VECCHIOTTI, Vittoria
14:35	[26] Multimessenger Analysis Strategy for Core-Collapse Supernova Search: Gravitational Waves and Low-energy Neutrinos	Dr PAGLIAROLI, Giulia
14:40	[27] Enhanced axion emissivity from supernovae via pionic processes	Prof. MIRIZZI, Alessandro
14:45	[28] Axions from hypernovae	Mr LUCENTE, Giuseppe
14:50	[29] Unified thermal model for photohadronic neutrino production in astrophysical sources	Mr FIORILLO, Giuseppe
14:55	[30] Starburst galaxies strike back: a multi-messenger analysis with Fermi-LAT and IceCube data	Mr AMBROSONE, Antonio

### Session 2: WP4 Standard cosmological model and beyond (15:20 - 16:05)

-Conveners: Fabio Iocco; Francesco Villante

time	[id] title	presenter
15:20	[31] PBH absorption as source of baryon asymmetry	Ms CALABRESE, Roberta
15:25	[32] Axions from PBH shining through the Universe	Mr SCHIAVONE, Francesco
15:30	[33] Thermal Axions with multi-eV masses	Mr CARENZA, Pierluca
15:35	[34] Quantum String Cosmology	Prof. GASPERINI, Maurizio
15:40	[35] BBN after LUNA results on $d(p,\gamma)^3\text{He}$	Prof. MANGANO, Gianpiero

### Session 2: Conclusions (16:10 - 16:40)