



# meeting PRIN NAT-NET

## Tuesday, July 6, 2021

### Session 2: WP3 Sources and fluxes of neutrinos and other messengers (2:30 PM - 3:15 PM)

-Conveners: Giulia Pagliaroli; Alessandro Mirizzi

time	[id] title	presenter
2:30 PM	[25] The role of unresolved pulsar wind nebulae to the gamma-ray diffuse emission at GeV	Ms VECCHIOTTI, Vittoria
2:35 PM	[26] Multimessenger Analysis Strategy for Core-Collapse Supernova Search: Gravitational Waves and Low-energy Neutrinos	Dr PAGLIAROLI, Giulia
2:40 PM	[27] Enhanced axion emissivity from supernovae via pionic processes	Prof. MIRIZZI, Alessandro
2:45 PM	[28] Axions from hypernovae	Mr LUCENTE, Giuseppe
2:50 PM	[29] Unified thermal model for photohadronic neutrino production in astrophysical sources	Mr FIORILLO, Giuseppe
2:55 PM	[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 (3:20 PM - 4:05 PM)

-Conveners: Fabio Iocco; Francesco Villante

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

### Session 2: Conclusions (4:10 PM - 4:40 PM)