

CERN Neutrino Platform Pheno Week 2023

Thursday 16 March 2023

Neutrino astrophysics - 4/3-006 - TH Conference Room (09:00 - 10:00)

-Conveners: **Mauricio Bustamante**

time	[id] title	presenter
09:00	[15] Neutrinos from Supernovae	Prof. DASGUPTA, Basudeb
09:30	[16] High-energy astrophysical neutrinos	MURASE, Kohta MURASE, Kohta Dr MURASE, Kohta

Neutrino astrophysics: Contributed talks - 4/3-006 - TH Conference Room (10:00 - 10:20)

-Conveners: **Mauricio Bustamante**

time	[id] title	presenter
10:00	[67] The Diffuse Supernova Neutrino Background as a window to the neutrino past	PEREZ-GONZALEZ, Yuber F

Neutrino astrophysics: Contributed talks - 4/3-006 - TH Conference Room (10:55 - 12:55)

-Conveners: **Sergio Palomares-Ruiz**

time	[id] title	presenter
10:55	[42] Bump-hunting in the diffuse flux of high-energy cosmic neutrinos	FIORILLO, Damiano
11:20	[43] Neutrino self-interactions: towards strong probes from supernovae	ESTEBAN, Ivan
11:45	[44] Neutrino Flavor Conversion in Supernovae	DEDIN NETO, Pedro
12:10	[45] Constraining neutrino self-interactions from resonant light gauge boson production in the interior of proto-neutron stars	CERMEÑO GAVILÁN, Marina
12:35	[46] Pseudo-Dirac neutrinos at IceCube	Dr DEV, Bhupal

Neutrino astrophysics: Contributed talks - 4/3-006 - TH Conference Room (14:30 - 15:40)

-Conveners: **Thomas Schwetz**

time	[id] title	presenter
14:30	[47] A solar electron antineutrino flux from neutrino magnetic moments	MARTÍNEZ-MIRAVÉ, Pablo
14:55	[48] How to measure the reactor neutrino flux below 2 MeV	MARFATIA, Danny
15:20	[49] Impact of neutrino non-standard self-interactions on sterile neutrino dark matter production and detection	Ms BENSO, Cristina