



# Italian Summer Students Final Presentations

## Thursday, 26 September 2024

### SBN presentations: CRT upgrades - WH7XO Racetrack (09:40 - 10:00)

time	[id] title	presenter
09:40	[1] The efficiency of a Cosmic Ray Tagger (CRT) veto on selection of contained neutrino interactions in SBND	CORALLO, Annalea LAY, Henry STANCARI, Michelle

### SBN presentations: Neutrino reconstruction and detector systematics - WH7XO Racetrack (10:00 - 11:00)

time	[id] title	presenter
10:00	[2] Neutrino event reconstruction with Time Projection Chamber detector in the ICARUS experiment	SOTGIA, Mattia CAMPANI, Alice FAVA, Angela DI NOTO, Lea
10:20	[3] Modelling detector-specific reconstruction uncertainties in LAr-TPC	D'AURIA, Lorenzo Vincenzo HAUSNER, Harry FAVA, Angela
10:40	[4] Development of a GNN for reconstruction of LArTPC detector data	JAIMES CAMPOS, Ricardo A CERATI, Giuseppe CIPRIJANOVIC, Aleksandra

### SBN presentations: R&D - WH7XO Racetrack (11:15 - 11:55)

time	[id] title	presenter
11:15	[5] Assembly and preparation of a LArTPC for ArCS and study of the test beam characteristics	CICOGNA, Giulia MONTANARI, Claudio Silverio DEL TUTTO, Marco NUNES, Monica
11:35	[6] Enhancing a LArTPC with a magnetic field	UNICH, Lorenzo DEL TUTTO, Marco NUNES, Monica MONTANARI, Claudio Silverio