

Session Program

2-7 Jun 2024

Exploring the Dark Side of the Universe Tools 2024 - 5th World Summit

Neutrino 3

Île de Noirmoutier, France
'Village des Quatre Vents' L'Épine

Thursday 6 June

09:00

Neutrino 3: Accelerator neutrinos and oscillation

Session | **Location:** Île de Noirmoutier, France, "Village des Quatre Vents" L'Épine | **Convener:** Laurent Serin

09:00–09:25

Results and prospects for accelerator-based neutrino physics (overview)

Speaker

Sara Bolognesi

09:25–09:50

Machine learning methods for event reconstruction in accelerator neutrino experiments

Speaker

Saul Alonso Monsalve

09:50–10:15

Near detectors in neutrino oscillation analyses and the PRISM technique

Speakers

Ciaran Hasnip, Ciaran Hasnip

10:15–10:30

High dimensional fitting tools for neutrino oscillation and cross section analyses

Speaker

Kamil Skwarczynski

10:30–10:45

Challenges in multi-experiment neutrino oscillation analyses

Speaker

Clarence Wret

10:45