

Session Program

2-11 Jan 2024

**Workshop in High Energy Physics
Phenomenology (WHEPP XVII), IIT
Gandhinagar**

WG3: Neutrino

Wednesday 3 January

14:00

WG3: Neutrino: Oscillations related results and future expectations

Session | **Location:** AB 5/203 | **Conveners:** Dr Poonam Mehta, Dr Sushant Raut

14:00–15:30

Oscillations related results and future expectations

Speaker

Dr Sushant Raut

15:30

16:00

WG3: Neutrino: Neutrino Decays and Oscillations

Session | **Location:** AB 5/203 | **Conveners:** Sankagiri Umasankar, Dibya Sankar Chattopadhyay

16:00–17:30

Neutrino Decays and Oscillations

Speakers

Dibya Sankar Chattopadhyay, Sankagiri Umasankar

17:30

Thursday 4 January

14:00

WG3: Neutrino: Neutrino-inspired Model Building

Session | **Location:** AB 5/203 | **Conveners:** R Krishnan, Sudhanwa Patra

14:00–15:30

Neutrino-inspired Model Building

Speakers

R Krishnan, Sudhanwa Patra

15:30

16:00

WG3: Neutrino: Heavy neutrinos phenomenology+ Neutrinos at Colliders

Session | **Location:** AB 5/203 | **Convener:** Manimala Mitra

16:00–17:30

Heavy neutrinos phenomenology/Neutrinos at Colliders

Speaker

Dr Manimala Mitra

17:30

Friday 5 January

14:00

WG3: Neutrino: Neutrino and Dark Matter

Session | **Location:** AB 5/203 | **Conveners:** Rishav Roshan, Subhaditya Bhattacharya

14:00–15:30

Neutrino and Dark Matter

Speakers

Rishav Roshan, Subhaditya Bhattacharya

15:30

16:00

WG3: Neutrino: Neutrino Nucleus Interactions

Session | **Location:** AB 5/203 | **Conveners:** Atika Fatima, Sajjad Athar

16:00–17:30

Neutrino Nucleus Interactions

Speakers

Atika Fatima, Sajjad Athar

17:30

Saturday 6 January

14:00

WG3: Neutrino: Leptogenesis

Session | **Location:** AB 5/203 | **Conveners:** Dr Debasish Borah, Narendra Sahu

14:00–15:30 **Leptogenesis**

Speakers

Dr Debasish Borah, Narendra Sahu

15:30

16:00

WG3: Neutrino: Phase Transition and GW

Session | **Location:** AB 5/203 | **Conveners:** Abhijit ., Anish Ghoshal

16:00–17:30 **Phase Transition and GW**

Speaker

Anish Ghoshal

17:30

Sunday 7 January

14:00

15:30

WG3: Neutrino: Neutrino probes to BSM physics

Session | **Location:** AB 5/203 | **Convener:** Rukmani Mohanta

14:00–15:30

Neutrino probes to BSM physics

Speaker

Rukmani Mohanta

Tuesday 9 January

09:00
10:30

WG3: Neutrino: Neutrinos and EFTs

Session | Location: AB 5/203 | Convener: Chandan Hati

09:00–10:30 Neutrinos and EFTs

Speaker
Chandan Hati

Thursday 11 January

10:45
11:15

WG3: Neutrino: WG3 Summary
Session | **Location:** AB 1/201 | **Convener:** Ketan Patel

10:45–11:15

WG3 Neutrino Summary