Session Program

2-11 Jan 2024

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

WG1: SM & BSM

Wednesday 3 January

14:00

WG1: SM & BSM: Future Collider
Session | **Location:** AB 6/202 | **Conveners:** Shankha Banerjee, BIPLOB BHATTACHERJEE

14:00–15:30   **Future Collider**

Speakers
BIPLOB BHATTACHERJEE, Shankha Banerjee

15:30

16:00

WG1: SM & BSM: EFT
Session | **Location:** AB 6/202 | **Convener:** Tirtha Sankar Ray

16:00–17:30   **EFT**

Speakers
Rick S Gupta, Sabyasachi Chakraborty, Tirtha Sankar Ray

17:30

Thursday 4 January

14:00

WG1: SM & BSM: BSM Higgs Theory
Session | **Location:** AB 6/202 | **Conveners:** Shankha Banerjee, Rick S Gupta

14:00–15:30 **BSM Higgs Theory**

Speakers
Rick S Gupta, Shankha Banerjee

15:30

16:00

WG1: SM & BSM: Top Physics
Session | **Location:** AB 6/202 | **Conveners:** Ritesh Kumar Singh, Soureek Mitra

16:00–17:30 **Top Physics**

Speakers
Ritesh Kumar Singh, Soureek Mitra

17:30

Friday 5 January

14:00

15:30

WG1: SM & BSM: Student/Postdoc Talks
Session | **Location:** AB 6/202

16:00

17:30

WG1: SM & BSM: Present and Future Collider
Session | **Location:** AB 6/202 | **Convener:** Seema Sharma

16:00–17:30 **Present and Future Collider (Expt)**

Speaker
Dr Tousik Samui

Saturday 6 January

14:00

WG1: SM & BSM: Detector Development
Session | **Location:** AB 6/202 | **Convener:** Gagan Mohanty

> (14:00–15:30) **Detector Development**
>
> **Speaker**
> Gagan Mohanty

15:30

16:00

WG1: SM & BSM: DM Pheno
Session | **Location:** AB 6/202 | **Conveners:** Sabyasachi Chakraborty, Subhaditya Bhattacharya

> (16:00–17:30) **DM Pheno**
>
> **Speakers**
> Sabyasachi Chakraborty, Subhaditya Bhattacharya

17:30

Sunday 7 January

14:00

WG1: SM & BSM: EW Precision
Session | **Location:** AB 6/202 | **Convener:** Alessandro Vicini

14:00–15:30 **EW Precision**

Speaker
Alessandro Vicini

15:30

16:00

WG1: SM & BSM: DM Expt
Session | **Location:** AB 6/202 | **Conveners:** Satyaki Bhattacharya, Jyothsna Rani Komaragiri

16:00–17:30 **DM Expt**

Speakers
Jyothsna Rani Komaragiri, Satyaki Bhattacharya

17:30

Tuesday 9 January

09:00

WG1: SM & BSM: Other BSM (Anomalous couplings)
Session | **Location:** AB 6/202 | **Conveners:** Santosh Kumar Das, Ritesh Kumar Singh

(09:00–10:30) **Other BSM (Anomalous couplings)**

Speakers
Ritesh Kumar Singh, Santosh Kumar Das

10:30

11:00

WG1: SM & BSM: Machine Learning
Session | **Location:** AB 6/202 | **Conveners:** Partha Konar, Satyaki Bhattacharya

(11:00–12:30) **Machine Learning**

Speakers
Partha Konar, Satyaki Bhattacharya

12:30

14:00

WG1: SM & BSM: MG-1
Session | **Location:** AB 6/202 | **Convener:** Benjaman .

(14:00–15:30) **MG-1**

Speaker
Benjaman .

15:30

Wednesday 10 January

09:00

WG1: SM & BSM: BSM Higgs
Session | **Location:** AB 6/202 | **Convener:** Ram Krishna Deewanjee

09:00–10:30 **Higgs Couplings: Present and Future**

Speaker
Ram Krishna Dewanjee

10:30

11:00

WG1: SM & BSM: Open discussion
Session | **Location:** AB 6/202

12:30

14:00

WG1: SM & BSM: MG-2
Session | **Location:** AB 6/202 | **Convener:** Benjaman .

14:00–15:30 **MG-2**

Speaker
Benjaman .

15:30

16:00

WG1: SM & BSM: Open discussion
Session | **Location:** AB 6/202

17:30

Thursday 11 January

09:15

WG1: SM & BSM: WG1 Summary
Session | **Location:** AB 1/201 | **Convener:** Prof. Poulose Poulose

09:15–09:45   **SM & BSM: WG1 Summary**

09:45