

# **Regional E-conference on Physics: Sessions on High Energy Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# **Present and future of neutrinos and dark matter searches**

*Wednesday 19 January 2022 15:00 (1 hour)*

**Presenter:** DE ROECK, Albert (CERN)

Contribution ID: 2

Type: **not specified**

# Highlights of heavy quark physics

*Wednesday 19 January 2022 16:00 (1 hour)*

**Presenter:** MOHAMMADI NAJAFABADI, Mojtaba (IPM)

Contribution ID: 3

Type: **not specified**

## **What the Standard Model of particle physics tells about mass?**

*Wednesday 19 January 2022 17:00 (50 minutes)*

**Presenter:** AKRAM, Faisal

Contribution ID: 4

Type: **not specified**

## **Lessons from the muon anomalous- magnetic moment**

*Wednesday 19 January 2022 17:50 (50 minutes)*

**Presenter:** KHALID, Rizwan

Contribution ID: 5

Type: **not specified**

## Color-Flavor dependent of QCD Phase diagram from Nambu-Jona-Lasinio Model

*Wednesday 19 January 2022 18:40 (20 minutes)*

**Presenter:** AHMED, Aftab

Contribution ID: 6

Type: **not specified**

# Highlights of physics beyond the Standard Model at the LHC

*Thursday 20 January 2022 15:00 (1 hour)*

**Presenter:** BLEKMAN, Freya (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 7

Type: **not specified**

# Gravitational properties of the Proca Field

*Thursday 20 January 2022 16:00 (1 hour)*

**Presenter:** RAHMAN, Rakibur



Contribution ID: 8

Type: **not specified**

## Universality of leptonic interactions

**Presenter:** HUSSAIN, Talab

Contribution ID: 9

Type: **not specified**

## **Semiconductor detectors in particle physics**

*Thursday 20 January 2022 17:00 (50 minutes)*

**Presenter:** AWAN, Imran (National Centre for Physics (PK))

Contribution ID: **10**

Type: **not specified**

## Development of scintillation detectors

*Thursday 20 January 2022 17:50 (50 minutes)*

**Presenter:** KHAN, Sajid

Contribution ID: **11**

Type: **not specified**

## **Student talk: Assembly and testing of silicon modules**

*Thursday 20 January 2022 18:40 (25 minutes)*

**Presenter:** AWAIS, Ali (National Centre for Physics (PK))

Contribution ID: 12

Type: **not specified**

## **Palestinian women in high energy physics: current status and perspective**

*Friday 21 January 2022 15:00 (1 hour)*

**Presenter:** ABUALROB, Hadil

Contribution ID: 13

Type: **not specified**

## Sneutrino Inflation

*Friday 21 January 2022 16:00 (1 hour)*

**Presenter:** UR REHMAN, Mansoor

Contribution ID: 14

Type: **not specified**

## R&D of future semiconductor detectors

*Friday 21 January 2022 17:00 (50 minutes)*

**Presenter:** BASSALAT, Ahmed (Université Paris-Saclay (FR))

Contribution ID: 15

Type: **not specified**

## Gaseous detectors in particle physics

*Friday 21 January 2022 17:50 (40 minutes)*

**Presenter:** MUHAMMAD, Saleh (National Centre for Physics (PK))