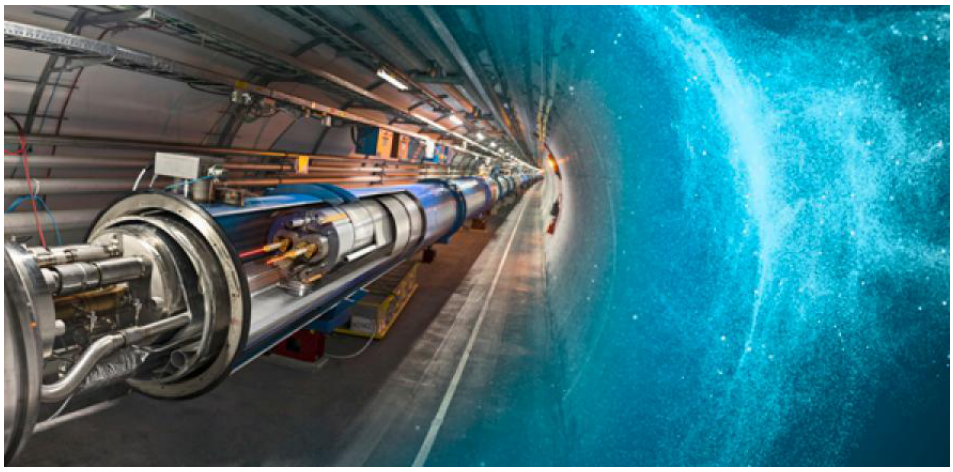
Unveiling hidden Physics Beyond the Standard Model at the LHC



Report of Contributions

https://indico.tlabs.ac.za/e/100

Contribution ID: **1** Type: **not specified**

Introduction

Monday, 1 March 2021 13:30 (10 minutes)

Presenters: MELLADO, Bruce (University of the Witwatersrand); FISCHER, Oliver (University of Liverpool)

Session Classification: Session I

Contribution ID: **2** Type: **not specified**

Lessons from Theory

Monday, 1 March 2021 13:40 (45 minutes)

Presenter: Prof. ARKANI-HAMED, Nima (Institute for Advanced Study)

Session Classification: Session I

Contribution ID: **3** Type: **not specified**

Discussion

Monday, 1 March 2021 14:25 (30 minutes)

Discussion moderated by Biswarup Mukhopadhyaya (IISER Kolkata)

Session Classification: Session I

Contribution ID: **4** Type: **not specified**

LHC Hidden Physics I

Tuesday, 2 March 2021 13:30 (45 minutes)

Presenter: Prof. WESTHOFF, Susanne (Heidelberg University)

Session Classification: Session II

Contribution ID: **5** Type: **not specified**

LHC Hidden Physics II

Tuesday, 2 March 2021 14:15 (45 minutes)

Presenter: Prof. BAUER, Martin (Durham University)

Session Classification: Session II

Contribution ID: **6** Type: **not specified**

Models Behind the Signatures

Presenter: Prof. HAN, Tao (University of Pittsburgh)

Session Classification: Session II

Contribution ID: **7** Type: **not specified**

Overview of Anomalies

Monday, 1 March 2021 14:55 (45 minutes)

Presenter: Prof. DEV, Bhupal (Washington University in St. Louis)

Session Classification: Session I

Contribution ID: **8** Type: **not specified**

Discussion

Tuesday, 2 March 2021 15:00 (30 minutes)

Discussion moderated by Prof. Kingman Cheung (National Tsing Hua University)

Session Classification: Session II

Contribution ID: **9** Type: **not specified**

Discussion

Monday, 1 March 2021 15:40 (30 minutes)

Discussion moderated by Suchita Kulkarni (Graz U.)

Session Classification: Session I

Contribution ID: **10** Type: **not specified**

Overview of Machine Learning

Tuesday, 2 March 2021 16:00 (20 minutes)

Presenter: Prof. PLEHN, Tilman (Heidelberg University)

Session Classification: Session II

Contribution ID: **11** Type: **not specified**

Machine Learning I

Tuesday, 2 March 2021 16:20 (20 minutes)

Presenter: Prof. CRANMER, Kyle (New York University)

Session Classification: Session II

Contribution ID: **12** Type: **not specified**

Machine Learning II

Tuesday, 2 March 2021 16:40 (20 minutes)

Presenter: Prof. LIU, Tao (HKUST)

Session Classification: Session II

Contribution ID: **13** Type: **not specified**

Discussion

Tuesday, 2 March 2021 17:00 (30 minutes)

Discussion moderated by Prof. Gregor Kasieczka (Hamburg U.)

Session Classification: Session II

Contribution ID: **14** Type: **not specified**

Lepton Universality Anomalies

Monday, 1 March 2021 16:30 (30 minutes)

Presenter: Prof. CRIVELLIN, Andreas (PSI / Zurich / CERN)

Session Classification: Session I

Contribution ID: **15** Type: **not specified**

Discussion.

Monday, 1 March 2021 17:00 (30 minutes)

Discussion moderated by Prof. Yuanning Gao (Peking University)

Session Classification: Session I

Contribution ID: **16** Type: **not specified**

Open Access Data I

Wednesday, 3 March 2021 13:30 (30 minutes)

Presenter: Prof. ELSEN, Eckhard (DESY)

Session Classification: Session III

Contribution ID: **17** Type: **not specified**

Discussion

Session Classification: Session III

Contribution ID: **18** Type: **not specified**

Open Access Data III

Wednesday, 3 March 2021 14:30 (30 minutes)

Presenter: Prof. HARRIS, Philip (MIT)

Session Classification: Session III

Contribution ID: **19** Type: **not specified**

Discussion

Wednesday, 3 March 2021 15:00 (30 minutes)

Discussion moderated by Dr. Nishita Desai (TIFR)

Session Classification: Session III

Contribution ID: **20** Type: **not specified**

Panel Discussion

Wednesday, 3 March 2021 16:00 (1 hour)

Discussion moderated by Prof. Shufang Su (Arizona U.)

Presenters: Prof. SUNDRUM, Raman (University of Maryland); Prof. GODBOLE, Rohini (Indian Institute of Science Bangalore); Prof. DAWSON, Sally (BNL); Prof. WANG, Yifang (IHEP); Prof. KIM, Young-Kee (University of Chicago)

Session Classification: Session III

Contribution ID: **21** Type: **not specified**

Wrap-up

Wednesday, 3 March 2021 17:00 (15 minutes)

Session Classification: Session III

Contribution ID: **22** Type: **not specified**

Open Access Data II

Wednesday, 3 March 2021 14:00 (30 minutes)

Presenter: Dr SIMKO, Tibor (CERN)

Session Classification: Session III