

Session Program

6-9 Nov 2023

**Beyond Standard Model: From Theory to
Experiment (BSM- 2023)**

Session 13

Hurghada - Egypt

Monday 6 November

17:00

Session 13

Session | Convener: George Rupp

17:00–17:20

Light thermal self-interacting dark matter in the shadow of non-standard cosmology

Speaker

Shu-Yu Ho

17:20–17:40

Grand Unification and the Low-energy Anomalies in Particle Physics

Speaker

Ufuk Aydemir

17:40–18:00

New approaches to the study of standard and BSM neutrino oscillations at LBL experiments

Speaker

Alessio Giarnetti

Location

Online

18:00–18:20

Dark Matter and Muon ($g - 2$) from a discrete Z_4 Symmetric Model

Speaker

Bhag C. Chauhan

Location

Online

18:20–18:40

Tri-bimaximal-Cabibbo mixing: flavour violations in the charged lepton sector

Speaker

Mathew Thomas

Location

Online

18:40–19:00

Charged higgs decay to W^{\pm} and heavy neutral Higgs in Georgi Machacek Model at LHC

Speaker

Swagata Ghosh

Location

Online

19:00

Tuesday 7 November

09:00

Session 13

Session | **Location:** Hurghada - Egypt | **Convener:** Tamer Tolba

09:00–09:30 **Summary of ATLAS Higgs Physics**

Speaker

Giada Mancini

09:30–10:00 **Status of SUSY searches in CMS**

Speaker

Emery Nibigira

10:00–10:30 **Summary of ATLAS SM results**

Speaker

Pierre-Hugues Beauchemin

10:30–11:00 **Exotic searches in CMS**

Speaker

Francesco Romeo

11:00

Wednesday 8 November

14:30

Session 13

Session | **Location:** Hurghada - Egypt | **Convener:** Masoud Ghezelbash

14:30-15:00

Thermal evolution of hidden sectors and hidden dark matter

Speaker

Pran Nath

Location

Online

15:00-15:30

Non-perturbative effects across dark matter models: from the relic density to indirect detection

Speaker

Simone Biondini

Location

Online

15:30-16:00

CMB and Lyman-alpha constraints on dark matter decays to photons

Speaker

Francesco Capozzi

Location

Hurghada - Egypt

16:00-16:30

Event Measurement with single photon sensitive camera

Speaker

Zhimin Wang

Location

Hurghada - Egypt

16:30

Thursday 9 November

09:00

Session 13

Session | Convener: Sabino Meola

09:00–09:30

Physics Beyond the Standard Model with the NA62 experiment at CERN

Speaker

Paolo Massarotti

09:30–10:00

Summary of CMS Higgs Physics

Speaker

Walaa Elmetenawee

10:00–10:30

Highlights of ATLAS Top physics results

Speaker

Davide Malito

10:30–11:00

JUNO experiment: detector status and physics opportunities

Speaker

Andrea Barresi

11:00