

Session Program

17-21 Jul 2023



31st International Symposium on Lepton Photon Interactions at High Energies

BSM

Monash University

Tuesday 18 July

09:00

BSM

Session | **Location:** Monash University | **Convener:** Prof. Ben Allanach

09:00–09:30

SMEFT status from a theoretical perspective

Speaker

Rick Gupta

09:30–10:00

Direct searches for BSM resonances

Speaker

Mingshui Chen

10:00–10:30

NP searches in an EFT context

Speaker

Valentina Cairo

10:30

11:00

BSM

Session | **Location:** Monash University | **Convener:** Prof. Ben Allanach

11:00–11:30

New Physics Opportunities at HL-LHC and Beyond

Speaker

Zhen Liu

11:30

15:45

BSM: Room C

Session | **Location:** Monash University | **Convener:** Claudia Hagedorn

15:45–16:00

Recent results on VBS measurements at CMS

Speaker

Li Yuan

16:00–16:15

Searches for supersymmetric particles with prompt decays with the ATLAS detector

Speaker

John Kenneth Anders

16:15–16:30

Search for new physics with long-lived and unconventional signatures in CMS

Speaker

Daniel Diaz

16:30–16:45

Searching for new symmetries in the Higgs sector at ATLAS

Speaker

Yanlin Liu

16:45–17:00

Leptoquark searches at CMS

Speaker

Ben Kilminster

17:00–17:15

Measurement of multiboson production at ATLAS

Speaker

Walter Hopkins

17:30

Wednesday 19 July

09:00

BSM: Room C

Session | **Location:** Monash University | **Convener:** Valentina Cairo

09:00–09:15

Phenomenology of low-scale seesaw with flavour and CP symmetries

Speaker

Claudia Hagedorn

09:15–09:30

Vector boson scattering measurements in ATLAS

Speaker

Shu Li

09:30–09:45

Searches for electroweak SUSY and compressed SUSY spectra from CMS

Speaker

Harjot Kaur

09:45–10:00

Searches for additional scalars with two photons in the final state at CMS

Speaker

Junquan Tao

10:00–10:15

Searches for new physics in CMS in events with jets, leptons and photons in the final state

Speaker

Andrew Evan Hart

10:15–10:30

Searches for BSM resonances in ATLAS

Speaker

Makayla Vessella

10:30–10:45

Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS

Speaker

Yu Nakahama Higuchi

11:00