

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(PPD) T2-9 Particle physics at colliders I |
Physique des particules aux collisionneurs I
(PPD)***

Tuesday 10 June

14:15

(PPD) T2-9 Particle physics at colliders I | Physique des particules aux collisionneurs I (PPD)

Session

14:15–14:45

Recent Highlights in Higgs Physics with the ATLAS Experiment**Speaker**

Jiayi Chen

14:45–15:00

Effectively Exploring New Physics: EFT interpretation of ATLAS Run-2 data on the $WZ \rightarrow ll\nu l$ channel**Speaker**

Maheyer Jamshed Shroff

15:00–15:15

Machine learning techniques for mass-independent event classification in a search for singly- and doubly-charged Higgs bosons with ATLAS at the LHC**Speaker**

Adrienne Jean Scott

15:15–15:30

Low mass visible dark photon search at Belle II**Speaker**

Ijeong Na

15:30–15:45

Shining (Dark)Light on Interactions with the Dark Sector**Speaker**

Gabby Gelinias

15:45