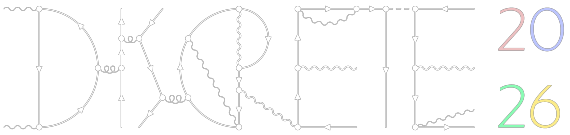
Session Program

Nov 13 – 17, 2026



DISCRETE 2026

Collider Phenomenology and New Physics

Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, F2
Mlynská dolina F1, 84248 Bratislava, Slovakia

Mon, November 16

5:00 PM

Collider Phenomenology and New Physics

Session |
Location: Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, F1-109, Mlynská dolina F1, 84248 Bratislava, Slovakia |
Convener: Milos Dordevic

5:00 – 5:20 PM

Study of CP violation in the decay $H^\pm \longrightarrow W^\pm Z$ in the framework of 2HDM following a Physical Approach.

Speaker
M. (Gui) Nesbitt Rebelo

5:20 – 5:40 PM

TeV-scale leptoquarks and Yukawa unification in SO(10)

Speaker
Ulrich Nierste

5:40 – 6:00 PM

TeV-scale new physics beyond third-generation-specific textures: a minimal type-II seesaw example

Speaker
Xiyuan Gao

6:00 – 6:20 PM

On the Robustness of type-II Seesaw Collider Searches

Speaker
Subham Saha

6:20 – 6:40 PM

Analysis of hadron's p_T spectra in p-p collisions at 13 TeV using Tsallis distribution

Speaker
Karim Haj Ismail

6:40 PM