

# **LHC Forward Physics December 2025 Workshop**

## **Report of Contributions**

Contribution ID: **1**

Type: **not specified**

# Welcome

*Thursday, 11 December 2025 13:30 (10 minutes)*

**Presenters:** ROYON, Christophe (The University of Kansas (US)); LEITGEB, Clara Elisabeth (Humboldt University of Berlin (DE)); CERNY, Karel (Palacky University (CZ)); SANTANA RANGEL, Murilo (Federal University of Rio de Janeiro (BR))

Contribution ID: 2

Type: **not specified**

## New TOTEM results at 900 GeV

*Thursday, 11 December 2025 13:40 (30 minutes)*

**Presenter:** NEMES, Frigyes Janos (CERN (also at Wigner RCP Budapest, Hungary))

Contribution ID: 3

Type: **not specified**

## **FSC detector for RUN1 and legacy for Run 3.**

*Thursday, 11 December 2025 14:10 (30 minutes)*

**Presenters:** POPESCU, Sorina (Universität Münster (DE)); POPESCU, Sorina (F)

Contribution ID: 4

Type: **not specified**

## FSC status and data taking in CMS

*Thursday, 11 December 2025 14:40 (30 minutes)*

**Presenter:** PITT, Michael (CERN)

Contribution ID: 5

Type: **not specified**

## **On the Possibility of Having Roman Pots around IP1/5, IP2 and IP8 in Run 5**

*Thursday, 11 December 2025 15:40 (30 minutes)*

**Presenter:** TRZEBINSKI, Maciej (Polish Academy of Sciences (PL))

Contribution ID: 6

Type: **not specified**

## **Exclusive diffractive production of dijets in deep inelastic lepton-nucleon scattering**

*Thursday, 11 December 2025 16:10 (30 minutes)*

**Presenter:** Mr CHALL, Trambak Jyoti (University of Rzeszów)

Contribution ID: 7

Type: **not specified**

## **Right handed neutrino searches from $Z'$ in forward search experiments**

*Thursday, 11 December 2025 16:40 (30 minutes)*

**Presenters:** DAS, Arindam (Hokkaido University); DAS, Arindam; DAS, Arindam (Saha Institute of Nuclear Physics (IN)); DAS, Arindam (Osaka University)



Contribution ID: 8

Type: **not specified**

## **Discussion: special runs in 2026 and beyond**

*Thursday, 11 December 2025 17:10 (45 minutes)*

**Presenter:** PITT, Michael (CERN)

Contribution ID: 9

Type: **not specified**

## LHCb UPC results

*Friday, 12 December 2025 13:30 (30 minutes)*

**Presenter:** MCNULTY, Ronan (University College Dublin (IE))

Contribution ID: **10**

Type: **not specified**

## **Testing saturation at the LHC using charm and beauty data**

*Friday, 12 December 2025 14:00 (30 minutes)*

**Presenter:** ROYON, Christophe (The University of Kansas (US))

Contribution ID: **11**

Type: **not specified**

## **Massive vector meson production with high momentum exchange in semi-exclusive collisions**

*Friday, 12 December 2025 14:30 (30 minutes)*

**Presenter:** DA SILVA, João Vitor Bulhões

Contribution ID: **12**

Type: **not specified**

## pO data taking for LHCf

*Friday, 12 December 2025 15:30 (30 minutes)*

**Presenters:** BERTI, Eugenio (Universita e INFN, Firenze (IT)); HIROAKI, Menjo

Contribution ID: **13**

Type: **not specified**

## **Discussion about CERN yellow report on forward physics**

*Friday, 12 December 2025 16:00 (1 hour)*

Contribution ID: **14**

Type: **not specified**

## Workshop conclusion

*Friday, 12 December 2025 17:00 (10 minutes)*

**Presenters:** ROYON, Christophe (The University of Kansas (US)); LEITGEB, Clara Elisabeth (Humboldt University of Berlin (DE)); CERNY, Karel (Palacky University (CZ)); SANTANA RANGEL, Murilo (Federal University of Rio de Janeiro (BR))