

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))