

Session Program

23-25 Oct 2024

**Implications of LHCb measurements and
future prospects**

Electroweak physics and new particles

CERN, 500/1-001 - Main Auditorium

Friday 25 October

09:00

Electroweak physics and new particles

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:**
Miguel Ramos Pernas, Dr Anders Eller Thomsen, Davide Zuliani, Claudio Andrea Manzari

09:00–09:30 General introduction to QEE measurements at LHCb

Speaker

Ezra Lesser

Location

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09:30–10:00 Searches for exotic particles

Speaker

Felicia Volle

Location

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10:00–10:30 Weak-mixing angle, cross-sections and W mass

Speaker

Nathan Grieser

Location

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10:30–11:00 Coffee break

11:00–11:23 Testing Dark Photon Scenarios @ LHCb

Speaker

Dr Emidio Gabrielli

Location

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11:23–11:46 Alp phenomenology

Speaker

ALESSANDRO VALENTI

Location

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11:46–12:09 Status and prospects for high-precision measurements

Speaker

Alessandro Vicini

Location

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12:09–12:32 SMEFT focused on EW observables

Speaker

Ben Stefanek

12:43

Location

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