

Session Program

23-25 Oct 2024

**Implications of LHCb measurements and
future prospects**

Mixing and CP violation

CERN, 500/1-001 - Main Auditorium

Wednesday 23 October

09:30

Mixing and CP violation

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:**
Dominik Stefan Mitzel, Dr Matthew Kirk, Alex Gilman, Maria Laura Piscopo

09:30–10:00 CPV and mixing in Charm

Speaker

Lorenzo Pica

Location

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10:00–10:25 Progress in lattice QCD in studying CPV and mixing in charm

Speaker

Felix Benjamin Erben

Location

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10:25–10:50 Matter effects in D^0 -mixing

Speaker

Alexey Petrov

Location

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10:50–11:20 Coffee break

11:20–11:45 Nonleptonic B^0 -meson decays to NNLO

Speaker

Manuel Egner

Location

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11:45–12:10 Measurements of CPV and mixing in $B^0 \rightarrow D X^0$ decays

Speaker

Seophine Stanislaus

Location

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12:10–12:35

Measurements of CPV and mixing in beauty decays to charmless and charmonia final states

Speaker

Andrea Villa

Location

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12:35–13:00 Anomalies in hadronic B^0 -meson decays

13:00

Speaker

Prof. Bhubanjyoti Bhattacharya

Location

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