

**Session Program**

**10-12 Mar 2025**

**LumiDays 25**

***Impact of beam dynamics on vdM calibrations***

CERN, 774/R-013

# Tuesday 11 March

09:00

## Impact of beam dynamics on vdM calibrations: 2A

Session | Location: CERN, 774/R-013 | Convener: Hannes Bartosik

09:00–09:30

### Overview of the accelerator issues that impact the absolute luminosity calibrations at the LHC

**Speaker**  
Witold Kozanecki

09:40–10:00

### Sources & mitigation of non-factorization in the injectors & the LHC

**Speaker**  
Foteini Asvesta

10:10–10:25

### Results of the 2024 Non-factorization MD: accelerator measurements

**Speaker**  
Elleanor Lamb

10:30

11:00

## Impact of beam dynamics on vdM calibrations: 2B

Session | Location: CERN, 774/R-013 | Convener: Witold Kozanecki

11:00–11:20

### LHCb non-factorization analyses

**Speaker**  
Vladislav Balagura

11:30–11:50

### CMS non-factorization analyses

**Speaker**  
Peter Major

12:00–12:20

### ATLAS non-factorization analyses

**Speaker**  
Tim Barklow

12:30

14:00

## Impact of beam dynamics on vdM calibrations: 2C

Session | Location: CERN, 774/R-013 | Convener: Dr Tatiana Pieloni

14:00–14:25

### Summary of beam-beam simulation studies during LS2

**Speaker**  
Witold Kozanecki

14:35–14:55

### Recent developments in beam-beam studies

**Speaker**  
Joanna Wanczyk

15:05–15:20

### Generalization of parameterized beam-beam corrections to 2-D vdM scans

15:30

**Speaker**  
Ivan Kralik