

LHC LumiDays 2019

June 4-5 - CERN



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LumiDays 2019



2020(?)

Planning for Run 3 & HL-LHC



New edition of LHC LumiDays, dedicated to luminosity and emittance measurements during Run 2.

Share work in progress & ideas across various working groups



Review the progress made in 2011 both in the determination of the LHC luminosity, and in successfully exploiting this increased accuracy in physics analysis

2011

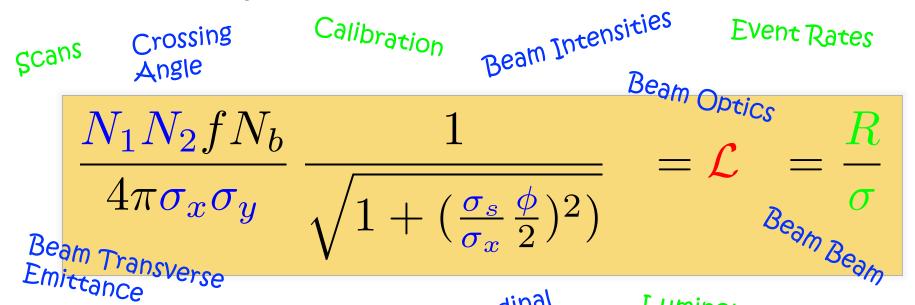
Links to reference material!!

Review the results of the first luminosity calibration measurements at the LHC and to stimulate a discussion on future measurements

Links to reference material!!



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Errors

Beam Longitudinal
Emittance
Pil

Pile-up

Luminometers

Beam Profile



LumiDays 2019

Program organization:

- <u>Exp</u>: F. Alessio, V. Balagura, J. Contreras-Nuno, A. Dabrowski, M. Gagliardi, R. Hawkings, W. Kozanecki, R. Matev, A. Polini, D. Stickland
- LPC: B. Petersen
- <u>Accel</u>: H. Burkhardt, I. Efthymiopoulos, S. Fartoukh, R. Jones, T. Lefevre, Y. Papaphilippou, G. Sterbini, R. Tomas-Garcia, G. Trad, J. Wenninger



Some Practical Info

- Room 774-R-013 full day today and Wednesday morning.
 - Room for closeout afternoon TBC.
- Coffe/tea breaks
 - Outside the auditorium
- Lunch break
 - Restaurant 3 (5min walking distance) Cantine (this building) Nearby Restaurants (Prevessin or St. Genis needs car)
- Workshop Dinner
 - Leaving from CCC at 18h30 PM car pool dinner at 19h00PM
 - Restaurant Bois Joly at 15min drive just up the Jura mountains
- Proceedings
 - 1 paper per talk, no page limit but recommended length approx. 5 pages) by using the JACoW
 - Deadline upload to indigo end of October 2019

