

LECTURES ON COMMON ANALYSIS TECHNIQUES IN FLAVOUR PHYSICS

1 DESCRIPTION

This three-day course gives a hands-on overview of some analysis techniques commonly used in flavour physics and in other physics sub-fields.

2 PROGRAM

08/11/2023 (*Amphitheatre Perey, building 1 Cronenbourg campus*)

14H00 → 17H30 Machine learning for selection (*Lorenzo Capriotti*)

09/11/2023 (*Amphitheatre Grünewald, building 25 Cronenbourg campus*)

09H00 → 12H30 Simple/advanced fits (*Vitalii Lisovskyi*)

14H00 → 17H30 Toys and Bootstrapping (*Vitalii Lisovskyi*)

10/11/2023 (*Amphitheatre Grünewald, building 25 Cronenbourg campus*)

09H00 → 12H30 Efficiency corrections and systematic uncertainties (*Christina Agapopoulou, Jacopo Cerasoli, Giulio Dujany*)

14H00 → 16H00 Reproduce and reinterpret an analysis (*Slavomira Stefkova*)

3 REQUIREMENTS

Students will work on their laptops. More information on the set up to be performed before the start of the course will be given in due time.