

A Machine Protection Systems perspective on the commissioning (20' + 10')

Thursday 25 November 2021 11:10 (30 minutes)

During Run 3 of the LHC, the stored energy per beam is expected to reach 500 MJ. In addition, new scenarios, as the extended use of beta* levelling, will increase the operational complexity. The talk will review the commissioning strategy of the machine-protection systems in 2022, considering the experience of the recent beam test. It will then examine the existing intensity limits and discuss the machine-protection challenges for Run 3.

Presenter: WIESNER, Christoph (CERN)

Session Classification: Session 5