

## **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.

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**Session Classification:** Session 5