

Machine configurations for protons and validation steps (20' + 10')

Wednesday 24 November 2021 11:30 (30 minutes)

The completion of the LIU project will enable LHC to inject beams twice as bright as in Run 2 (both from lower emittance and higher intensity). The LHC Run 3 Configuration Working Group (LCR3) has reached a solid proposal for the Run 3 operational scenario to maximize integrated luminosity. This talk presents key aspects of this proposal including a roadmap with key validation milestones, optics and performance estimates together with implications from extending Run 3 by one extra year.

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Session Classification: Session 3