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## **Radiation tolerant bus-bar splice protection system for the HL-LHC era**

*Wednesday 3 February 2021 11:00 (20 minutes)*

In the context of consolidation of quench detection systems in LHC, new electronics developments are ongoing to enhance existing system functionalities and improve system operation under radiation. One of the developments, presented in this talk, concerns the quench detection of bus-bar splices in main LHC magnet circuits, with the focus on strengthening the radiation tolerance of the existing systems.

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**Session Classification:** Developments