

Benchmark between FLUKA and radiation detectors at IR4

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Interaction Region 4 (IR4) hosting the RF cavities and several BI instruments generates a rather low radiation environment compared to the high luminosity experiments. Previously unstudied, this contribution presents the latest benchmark between FLUKA simulated and measured data for several radiation monitors for Run 2, together with future operation scenarios for HL-LHC.

Presenter: PRELIPCEAN, Daniel (Technische Universitat Munchen (DE))

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