

Radiation to Electronics - R2E

Tuesday 26 January 2016 19:00 (25 minutes)

The talk will first provide a summary of the 2015 radiation levels and failures on the electronics focusing on the performed R2E activities that led to the improvements on the overall system failures. We will then focus on the strategy and goals for the next years and run3 operation era, identifying the parameters that have to be monitored in order to keep and improve the availability for the next years. The future availability related to R2E is also strictly connected to the new developments. For this reason, a radiation hardness assurance protocol is proposed with the aim to reduce the risk of installing not qualified hardware in the tunnel. Finally the instruments and the actors of this process will be discussed.

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Session Classification: Sessions 3 & 4: LHC Hardware Performance

Track Classification: Session 4: LHC Hardware Performance