

Quench Detection System

Tuesday, 26 January 2016 10:30 (30 minutes)

<P>The contribution will review the upgrades to the LHC quench detection system (QDS) performed during LS1 and discuss the QDS dependability during LHC operation in 2015. The QDS performance with respect to reliability, availability and maintainability will be presented and analysed, including issues specific to the ion run. An account of the consolidation measures already successfully implemented during technical stops will be given; the remaining observed failure modes and possible measures for mitigation will be discussed. The presentation will conclude with a report on the on-going system preparation for 2016 operation and an estimate of the expected system performance.</P>

Presenter: DENZ, Reiner

Session Classification: Sessions 3 & 4: LHC Hardware Performance

Track Classification: Session 3: LHC Hardware Performance