

Heavy Ions in 2011 and beyond

Thursday 27 January 2011 11:30 (20 minutes)

The LHC's first heavy ion run set - and tested - the operational pattern for 2011 and later years: a rapid commissioning strategy intended to ensure delivery of integrated luminosity despite the risks associated with the short time-frame. It also gave us hard data to test our understanding of the beam physics that will limit performance.

The 2010 experience is fed into the commissioning plan, parameter choices and projected performance for 2011.

The prospects for future stages of the LHC ion program, Pb-Pb collisions at higher energy and luminosity, hybrid collisions and other species, depend critically on the scheduling of certain hardware upgrades.

Presenter: Dr JOWETT, John (CERN)

Session Classification: Session 07 Running in 2011 - Luminosity