



Contribution ID: 13

Type: **not specified**

Experiments expectations, plans and constraints

Tuesday 7 February 2012 08:30 (20 minutes)

The talk discusses the input from the experiments that is relevant to define next year's program.

It covers the target for integrated luminosity for 2012, for both p-p and Heavy Ion physics, the configuration for the Heavy Ion period (p-Pb, Pb-Pb or both) and the requests for special runs (high beta, VdM scan with un-squeezed beam, high or low pile-up runs...).

The impact of LHC parameters and conditions on the experiments is also discussed, including the effect of pile-up (would experiment performance be limited next year with 50 ns?), beam energy, bunch length, vacuum and background, etc..

Proposals for optimizations will also be discussed, including the use of satellite-main collision to provide luminosity for ALICE and suggestions for reducing the overhead of ALICE and LHCb polarity reversals.

Presenter: GORINI, Benedetto (CERN)

Session Classification: S03 - Strategy for 2012 (I)