

# Proposed 2005 plan of work for Physics Validation

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23-Feb-2005 Physics Validation meeting

- New LHC test-beam results (e.g. ATLAS combined): **second half of the year**;
- Checks of the **longitudinal shower shape** with Geant4 7.0 : **first half of the year**;
- Geant4 background radiation studies for LHCb and CMS: **first half of the year**;
- Simple benchmark test: inclusive charged pion production (**multiplicity,  $y$ ,  $p_t$** ) in  **$\pi^\pm$ ,  $K^+$ , p, pbar** interactions on **Mg, Ag, Au**, at **100 GeV/c** : **middle of the year**;
- Extension to Fluka for at least one calorimeter test-beam setup: **second half of the year**.

# Next Physics Validation meetings

- 23 March (Wednesday at 2pm)
- 27 April (Wednesday at 2 pm)
- 25 May (Wednesday at 2 pm)
  
- End of June (29) and/or July (27)
- End of September (28)
- After that, every month or 2 months?