

Geant4/CMake/CTest/CDash Working Session

- Topics for 9.6 and X
- Input from you!
- **Pick and discuss key topics for 9.6 and X**
- **Identify impacts for X (Plenary 8)**

This is very much a draft to give people a heads up before the session...

Topic cards will be added for the session itself...

Let Ben Morgan know if you want to add anything else!

Pre-Session Summary

For 9.6 (Autumn)

- Documentation Update
- geant4-config
- Geant4Config.cmake
- "Geant4.gmk"
- Data/UI/Vis Bugs
- Tests and Examples

Towards X (Post 9.6)

- New G4 CMake API
 - Interface Design?
 - Library Structure?
- Testing System
- GNUmake Retirement?
- **Impacts : Plenary 8**

Automating Testing of Visualization Drivers

- Use Case from the Visualization Working Group:
 - Render images to file using batch mode vis
 - Compare rendered against reference images
 - Basic "diff" for geometry only tests?
 - Qualitative tests when other elements present?