

Monday

Tuesday

Wednesday

Thursday

Friday



Session 8 objectives

- Explain how to introduce magnetic fields
- Expose more advanced placements techniques, allowing to place many repeated volumes with minimal memory consumption
- Expose how to store and retrieve a geometry from file
- Expose the physics content of Geant4 (electromagnetic part)
- **Hands-on 8a & 8b** : Include a magnetic field in the application ; make use of a repeated placement technique to re-implement the calorimeter
- **Hands-on 9a** : Study the energy deposition as function of particle type and as function of the cut.