

Simulation WG - summary

Presentation of the work done so far:

it would be nice to have a synthesis, whatever the format (doc, web)

→ WIKI will be setup ... to be fed !

more and more complex studies

‘realistic’ geometries, physics generator

Mid-future: nice simulations for our Institutions

Future:

depends on GEANT

difficulties identified

manpower (expertise)

complex simulations to be performed : coupling of detectors ... how ?

no need of complex input from mechanics BUT precise numbers (real LaBr3 size, caps)

checking of G4 (ex : stopping power for heavy ions)

Synergy between the different collaborations

PARIS, AGATA, NEDA, GASPARD ... i.e. Nuclear Physics ... how ?

required only for preparing real experiments, not @ the phase of design of the detectors
(GASPARD problem to check how PARIS response function is degraded by GASPARD)