

CUSP GEANT4 status

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Items lists

Done (results stored in the shared Google Drive GEANT4CUSP)

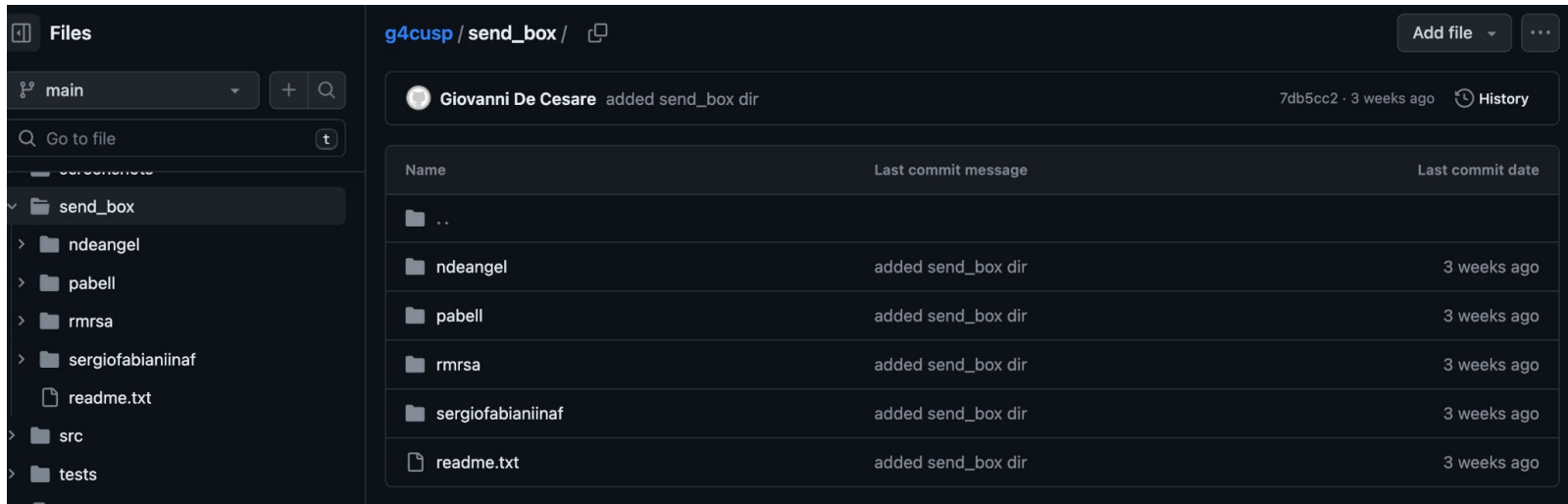
- a) Basic tests of the Monte Carlo code
- b) github repo organized with a directory (*send_box*) for user contribution (to avoid conflicts)
- c) Parallel 60 keV beam with 100 % polarized and unpolarized photons
- d) Comparing unpolarized physic list with polarized with $p = (0,0,0)$ -> same results, as expected
- e) Point like 60 keV beam impinging on one detector (see the screenshot)

To Do (coming soon...)

- a) Toy model (gdml integration)
- b) Test of different physics list (as suggested by Riccardo)
- c) Better organization of the archive and data (file naming, fit header, etc...)

send_box github dir

<https://github.com/giovixox/g4cusp>



The screenshot displays the GitHub interface for the repository 'g4cusp'. The left sidebar shows the file tree with the 'send_box' directory selected. The main area shows the commit history for the 'send_box' directory, listing the files added in each commit.

Name	Last commit message	Last commit date
..		
ndeangel	added send_box dir	3 weeks ago
pabell	added send_box dir	3 weeks ago
rmrsa	added send_box dir	3 weeks ago
sergiofabianiinaf	added send_box dir	3 weeks ago
readme.txt	added send_box dir	3 weeks ago

GEANT4 tracking: 60 keV photons point like beam

