

Joint ATLAS and CMS HepMC: dark showers benchmarks as a pilot

With this talk, we would like to introduce the idea of using the dark showers HepMC files produced in this effort as a test case to exercise the (distributed) computing machinery that would allow ATLAS and CMS to share HepMC files.

If this works and there are no drawbacks to implementation even for large-scale samples, there are the following benefits:

1. ATLAS and CMS are able to compare results more easily if they start from the same HepMC
2. theorists who want to reinterpret results can look at shared generation cards (rather than emailing each collaboration to find out what they are using)
3. we save storage space (which also has an environmental cost)

Are you happy to have the meeting recorded?

Yes

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