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# Astroparticle experiments opening their data: a snapshot of the present and a glimpse of the future

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In recent times, there has been an increasing awareness of the importance of open science, i.e., of making scientific data public, to allow scientists other than those that took them to verify the results obtained, or carry out new analyses. As an example of such awareness, the European Commission nowadays requires beneficiaries of its funding not only to make publications available in open access but also to make data "as open as possible and as closed as necessary". Such awareness has also made its way to the physicists of the large collaborations that operate ground-based experiments in astroparticle physics. Initiatives towards the release of public data have already been launched by the different collaborations: in this presentation, a few examples of such efforts will be outlined, touching on the different types of messengers, neutrinos, gravitational waves, gamma and cosmic rays. This will make it possible to show that the current open data releases are realized to varying degrees, as they depend on the different collaborations practices, on their policy (and that of their funding agencies), and on the characteristics of their experiment and their data. More coordinated initiatives among new astroparticle experiments, under construction or in the planning stage, are being implemented and these will also be outlined in the presentation.

**Presenter:** GHIA, Piera

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