

Gamma-ray observations with IACT and astro-particle arrays from the ground: the future

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The field of ground-based gamma-ray astronomy is flourishing, with the current generation of instruments providing a rich and complex picture of non-thermal astrophysics in the TeV-PeV domain. At the same time a new generation of instruments is planned or already in construction, promising a fundamental step forward in our understanding of many astrophysical systems as well as deep searches for new physics. I will briefly review the status of these instruments and emphasise the complementarity between ground-level particle based detection systems and imaging Cherenkov telescope arrays. Finally I will address some of the emerging concepts which hold promise for the field beyond the horizon of the major new systems.

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