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## Synergies between SKA and CTA - 25'

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The Cherenkov Telescope Array (CTA) will be the next generation gamma-ray observatory, open to the scientific community, to investigate the very high-energy emission from a large variety of celestial sources in the 20 GeV - 300 TeV energy range. The full array, distributed over two sites, one in the northern and one in the southern hemisphere, will provide whole-sky coverage and will improve the sensitivity with respect to the current major arrays such as H.E.S.S., MAGIC and VERITAS by a factor of five to twenty, depending on the energy. CTA will investigate a much higher number of already known classes of sources, going to much larger distances in the Universe, performing population studies, accurate variability and spatially-resolved studies. We review the current status of the CTA project and discuss the main CTA Key Science Projects, which will focus on major scientific cases, allowing us to provide legacy data-sets of high value to a wider community in a context of synergies with other major multi-wavelength facilities.

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**Session Classification:** Synergies between SKA and other facilities