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Complementarity and synergy with CMB projects - 15'

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The synergy between current and future cosmic microwave background (CMB) projects and the extreme sensitivity and resolution of the Square Kilometre Array (SKA) will be crucial for a wide set of themes relevant for cosmology and astrophysics at different cosmic epochs, including cosmological parameter estimation, integrated Sachs-Wolfe effect and constraints on dark energy, primordial non-Gaussianity and magnetic fields, CMB spectrum and cosmological reionization. I discuss the instrumental requirements and the observational/data analysis approaches relevant for performing these scientific investigations.

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