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## SPT-3G D1: CMB Temperature and Polarization Power Spectra and Cosmology from 2019–2020 Observations of the SPT-3G Main Field (3)

*lundi 13 octobre 2025 15:20 (20 minutes)*

In the final part of this series of presentations, I will present cosmological implications from the cosmic microwave background (CMB) temperature and E-mode polarization power spectrum measurements previously introduced based on SPT-3G data. My presentation will cover the comparison and combination of the SPT data, as well as other contemporary CMB data sets, with state-of-the-art baryon acoustic oscillation measurements produced by DESI. I will close with an overview of ongoing SPT analyses and the future of the experiment.

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