

The 2nd International Symposium on Cosmology and Ali CMB Polarization Telescope

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The Probe of Inflation and Cosmic Origins (PICO)

Sunday, 8 September 2019 10:50 (30 minutes)

PICO is a probe-class space mission that will be considered for implementation by the US Astro2020 decadal panel. Probe-class missions have a cost window of $400M-1000M$. The mission is designed to give a next-decade millimeter/sub-millimeter survey of the sky in intensity and polarization with depth equivalent to more than 3000 Planck missions. I will describe the science objectives of the mission, the hardware implementation, and the forthcoming steps in its evaluation toward implementation.

Primary author: HANANY, Shaul (U)

Presenter: HANANY, Shaul (U)

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