

2nd Metis Science Meeting



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IBIS 2.0 Interferometric Bldimensional Spectrometer 2.0: overview and current status

The IBIS 2.0 project upgrades the Interferometric BIdimensional Spectrometer, which was operated at the Dunn Solar Telescope of the National Solar Observatory from 2003 to 2019, for installation at the THEMIS telescope of the Teide Observatory. The instrument combines two tunable Fabry-Pérot interferometers, narrowband interference filters, a polarimetric unit, fast cameras, and a suitable control for the acquisition of high-resolution spectropolarimetric data of the solar atmosphere in the 580-860 nm spectral range, with short exposures at high cadence under a remote control.

We provide an update on the design progress of the instrument, which underwent several phases, and status of the project that foresees AIV and on site installation by 2025.

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