

Spec-S5: exploring the $2 < z < 4.5$ Universe

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Spec-S5 (2035-2045), building on the success of the DESI experiment, will be a new platform dedicated to map hundreds of millions of stars and galaxies in three dimensions, to address the problems of inflation, dark energy, light relativistic species, and dark matter. The instrumental design consists in an upgrade of both the Mayall and the Blanco telescopes, with a twin design: each telescope will have a 6-meter primary mirror, 13,000 robotically-controlled fibers, and 23 spectrographs. The DESI-2 experiment (2029-2035), using the DESI instrument, will be used as a pathfinder.

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Classification de Session: Présentations