

Abstract Submitted
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DESI and Beyond: The Future of Cosmology from Redshift Surveys DAVID SCHLEGEL, Lawrence Berkeley National Laboratory, MEGAMAPPER COLLABORATION — The Dark Energy Spectroscopic Instrument (DESI) begins the next chapter of cosmology using spectroscopic redshift surveys. I will describe the opportunities and challenges for future redshift surveys of the distant universe. The key technical challenges can be addressed with novel optical designs, increased multiplexing of robotic fiber systems, and the recovery of galaxy redshifts in the lowest-possible signal regime.

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