

## Changing-look AGN in the Dark Energy Spectroscopic Instrument

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Changing-look active galactic nuclei (AGNs), which transition between quasar-like and quiescent states, have become a critical focus in astrophysical research. The Dark Energy Spectroscopic Instrument (DESI) offers an unprecedented opportunity to detect and study these phenomena on a large scale. Utilizing DESI's high-precision spectroscopic data, we have recently identified and analyzed several hundreds changing-look AGNs, offering new insights into their frequency, underlying mechanisms, and connections to their host galaxy environments. I will present the latest findings from DESI on changing-look AGNs and outlines the ongoing follow-up research plans aimed at further understanding these dynamic processes and their broader implications for AGN evolution.

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