The Legacy of the Hubble Space Telescope Spectrographs

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Abstract.

The spectrographs of the Hubble Space Telescope have each offered order of magnitude improvements over their predecessors, including those space-based instruments before HST. They have provided a wealth of information on the local and distant universe, opening up new fields of study that were not possible prior to the launch of HST. They have, of course, come with their own set of design and use challenges. I will discuss the legacy of HST spectroscopy and look forward to the types of spectroscopy we might wish to see in future space missions.