

The Hubble Space Telescope: New Windows of Discovery (AAS 2022)
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Abstract:

The Hubble Space Telescope has enabled incredible discoveries about our solar system, stars, galaxies, and the universe. It is also glimpsing the mysterious effects of dark matter, dark energy, and black holes. Thanks to a series of astronaut servicing missions and an incredible technical support team on the ground, Hubble is poised for many years of scientific discovery ahead. As we celebrate Hubble's 32nd birthday, this presentation will showcase Hubble's most recent incredible images and findings as well as innovative plans for future observations. Hubble is a key player in planned future scientific quests, to complement new solar system probes and major observatories on the ground and in space including the recently launched Webb Space Telescope.