

Seminar

über

The Hubble Space Telescope – 27 Years and Counting

More productive and innovative than ever, the Hubble Space Telescope persists in pushing back the frontiers of astrophysics and inspiring new generations of scientists and the public. Hubble's scientific breakthroughs span all areas of astrophysics and continue even after its 27th anniversary in orbit. Its unique assets of a stable, long-term space mission capable of providing forefront observing abilities from the ultraviolet through the near infrared, coupled with a complex array of instrument observing modes, are being exploited well by both observers and archive science users. The breadth of science is notable for its incredible span, from comets to the most distant galaxies. We will survey some of the recent science results and examine them in the context of the complex operations of the observatory over its long history. While Hubble is operating at the peak of its capabilities today, analyses on its life expectancy point to continued operations well into the next decade, providing synergistic overlap with other missions, such as the James Webb Space Telescope.

von

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des Institutes für Astrophysik, Türkenschanzstraße 17, 1180 Wien