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Four Years of Science with the WFPC2

Dr. John Trauger

Abstract

As distant in time and space as the horizon of the visible Universe, and as near and contemporary as a string of comets colliding with Jupiter, the Wide Field and Planetary Camera 2 on the Hubble Space Telescope has brought us unprecedented views of our cosmic surroundings. Here we present highlights of the last four years of WFPC2 photometric imaging with the first large optical telescope in space, including new insights into the workings of our solar system, the life cycles of nebulae and stars in our galaxy, and the evolution of galaxies themselves over cosmic time.