Over the last 24 years, the Hubble Space Telescope has changed the world with its impactful scientific discoveries and pictures. Hubble has transformed our view of the universe and inspired people across the globe to become interested in science. Building on the success of Hubble, NASA looks to the quantum leap forward represented by another tremendously successful Europe-North America partnership – the James Webb Space Telescope (JWST). JWST will be the premier observatory of the next decade, pushing back the frontiers of science even more. JWST will study every phase in the history of our universe, ranging from the first luminous glows after the Big Bang, to the formation of solar systems capable of supporting life on planets like Earth, and to the evolution of our own Solar System. This talk will be an opportunity to explore the legacy of the Hubble Space Telescope with one of the key players in maintaining its scientific productivity, and an opportunity to explore what lies ahead with the James Webb Space Telescope.