

THE
CATHOLIC UNIVERSITY
of AMERICA



Department of Physics
Colloquium

Dr. Carol Christian
Space Telescope Science Institute

Amazing Space Telescope: Science, Education, and Art into the 2020's

27 years after the launch of the Hubble Space Telescope, it continues to be one of the most ambitious and successful space astronomy missions ever flown. Named in honor of Edwin Hubble (1889-1953), the astronomer who discovered the expansion of the Universe, the telescope has been used to produce images of the cosmos with amazing clarity, and has produced astonishing science results. Researchers have used Hubble to measure the details of the Universe's expansion and further discover its acceleration and Dark Energy, observed the furthest galaxies some even born only 400 million years after the Big Bang, detected and characterized exoplanets close to nearby stars, and uncovered surprising traits of some solar system objects. But the story is not complete – Hubble will be operational through 2020 and beyond. Besides the remarkable and sometimes surprising findings, Hubble has and will continue to contribute to education, public understanding of science, and stimulate art and cultural experiences. I will touch upon all of these facets of Hubble's lifetime and the prospect of its future productivity.

Wednesday, March 29, 2017

4:00pm

108 Hannan Hall

Refreshments will be served at 3:45

Sponsored in part by the Graduate Student Association
For more information or if you would like to request disability accommodations, please contact:

Patrick Burke (202) 319-5315