

CU PHYSICS DEPARTMENT COLLOQUIUM

Monday, March 26, 2012 4:10 PM 428 Pupin Hall

“Understanding Star Formation with the Hubble Space Telescope”

The 21 years old Hubble Space Telescope has reached an unprecedented level of performance and can be regarded as the most productive observatory in history. All fields of Astronomy have been deeply affected by HST discoveries. In my talk i will illustrate some of the progresses we have made in understanding star formation, both within our Galaxy and in the nearby Magellanic Clouds. I will present recent findings on the stellar initial mass function, the structure and evolution of circumstellar disks, mass accretion and mass outflow phenomena, including new unpublished results from the Treasury Program on the Orion Nebula I am leading.



Massimo Robberto
Space Telescope Institute

