Hubble Space Telescope
ESA - Status

Antonella Nota - ESA HST Mission Manager
& Project Scientist
STUC - May 2014
Antonella Nota and Roger Davies co-chairing.

Sponsored by ESA, in collaboration with NASA, STScI.

Designed to highlight the scientific breakthroughs made by the Hubble Space Telescope during its two decades of operation.

Three specific goals:

- to share the latest results from Hubble across the broad canvas of astronomy,
- to inspire the community of Hubble users to think how Hubble’s successor — the James Webb Space Telescope — will move their scientific field forward,
- to look yet further into the future, posing the scientific questions that will shape the field of astrophysics in the next decade.
Science with Hubble IV

- 160 participants + local graduate students
- Excellent talks covering a broad variety of scientific topics
- Archiving all records on conference website: http://www.stsci.edu/institute/conference/hst4
Unveiling of 24th Hubble anniversary image: NGC 2174, the Monkey Head Nebula
Heaven’s Carousel - Tim Otto Roth

A signature of the "Science with the Hubble Space Telescope"

Showcase of artwork that is inspired by science and specifically, by Hubble's results

Following the success of From the Distant Past, which was displayed in Venice, Baltimore and New York, artist Tim Otto Roth premiered in Rome Heaven’s Carousel, inspired by Adam Riess work with Hubble data on the accelerating expansion of the Universe.
Process will take several months: May - November 2014.

Uses ESA Advisory Committees: AWG, SSAC, SPC

Same format of last extension, includes two parts:
- the confirmation for 2015-2016,
- an extension of the budget horizon to 2017-2018.

The science case requires extending support to the HST mission
- to cover a year of overlap with JWST,
- at a constant budget of 4.4 ME/yr
Outreach effort in Europe continues aggressively.
Outreach contract with ESO/EPOD to be renewed through 2015.
Resource to European astronomers to advertise their science (www.spacetelescope.org)
New contact: Georgia Bladon (gbladon@partner.eso.org)
ESA/Hubble will play a significant role in the celebration of Hubble 25 - stay tuned!!