

Hubble Space Telescope

ESA - Status

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STUC - October 2014

ESA Mission Extension (Senior Review)



- Process started several months ago: May - Nov. 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 4.5 ME/yr

- Proposal submitted at the end of August
- Circulated to AWG
- Presented to AWG on Monday
- AWG deliberated that Hubble is confirmed until 2018
- Recommendation forwarded to SSAC
- Final decision by SPC expected in November.



- 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)
- Contact: [Georgia Bladon](mailto:gbladon@partner.eso.org) (gbladon@partner.eso.org)
- ESA/Hubble will play a significant role in the celebration of Hubble 25

ESA 25 Anniversary Plans

- Spring Edition of ESA/ Hubble Science Newsletter dedicated to 25th Anniversary of Hubble Launch.
- Hubble dedicated article on ESA Portal – on Hubble’s impact on science and society.
- Participation in celebratory events at STScI and NASA the week of the 25th Launch Anniversary (April 20-24, 2015). throughout 2015.
- **Anniversary competition and social media strategy to enable people to engage and co create. ESA/Hubble will coordinate the competition. Video, audio and illustration works resulting from the submitted entries will be used in future outreach. This will also include development of social media in association with NASA and ESA.**

ESA 25 Anniversary Plans



- **Anniversary image unveiling at 60–100 science institutions in Europe. ESA/Hubble will coordinate the creation and distribution of high quality prints of the Hubble 25th Anniversary image to science museums, research institutions and planetariums Europe-wide, the promotion of the initiative and coordination of synchronised unveiling.**
- **ESA/Hubble will produce 10 fulldome clips and distribute them free to planetariums worldwide. The clips will be delivered in 4k standard format and are much needed by the planetarium community. The project will compliment a similar project to create free HST fulldome content by STScI and the Fiske Planetarium.**

- **Heaven's Carousel** – the art/science installation by Tim Otto Roth inspired by the Hubble discovery of the accelerating universe was premiered at the conference “Science with the Hubble Space Telescope IV”. Heaven's Carousel will be displayed in several locations in Europe.
- **Solar Array cutouts:** existing small fragments of solar arrays flown on Hubble can be further cut to produce fiberglass encased mementos to be presented as awards/recognition to relevant dignitaries during Anniversary Celebrations.