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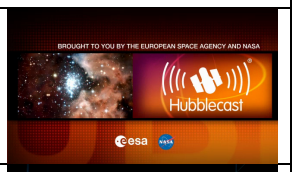
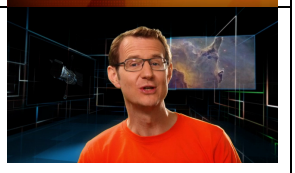
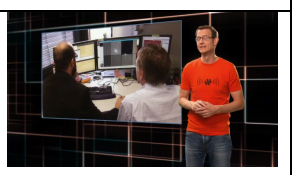
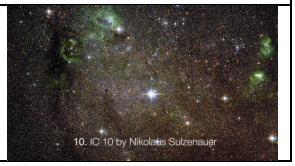
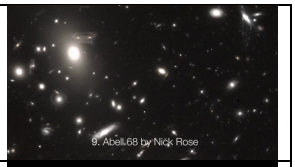
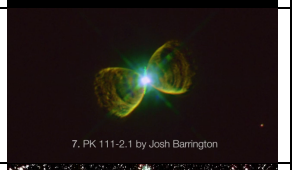
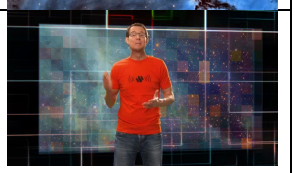
Hubblecast Episode 57: Hubble's hidden treasures unveiled		
00:00		
00:27 [Dr J] Hi and welcome to the Hubblecast. A couple of months ago, we invited you to have a look at Hubble's vast science archives. Although scientists work with the data all the time, the public don't get to see many of the amazing images that are stored in there. And so it was really great to see so many of you delving into the archive and finding thousands of hidden treasures.		
00:55 [Dr J] Producing the stunning pictures that Hubble is famous for isn't straightforward. Unlike your typical digital camera, which automatically sets things like contrast, exposures, colour balance and so on, Hubble is not optimised to produce aesthetically pleasing pictures. It's optimised for science. Turning these scientific images into amazing images of the cosmos is not easy, as all of these variables have to be tweaked by hand. That's called image processing – and it is a mixture of science and aesthetics.		
01:32 [Dr J] In this episode, I'd like to show some of the most gorgeous pictures you entered into the Hidden Treasures image processing competition. The pictures you're about to see were all found and processed by members of the public.		
10th. IC 10 by Nikolaus Sulzenauer		

9th. Abell 68 by Nick Rose		
8th NGC 1501 by kyokugaisha1		
7th. PK 111-2.1 by Josh Barrington		
6th. SNR 0519-69 by Claude Cornen		
5th. M 96 by Robert Gendler		
4th. Chamaeleon I by Renaud Houdinet		
3rd. XZ Tauri by Judy Schmidt		
2nd. M 77 by Andre van der Hoeven		
And the winner… NGC 1763 by Josh Lake		
[Dr J] 4. As well as finding many beautiful observations that the public has never seen, you've really managed to impress us with your image processing skills. Congratulations: you have surprised us beyond our wildest imaginations!		

Ends 04:27