

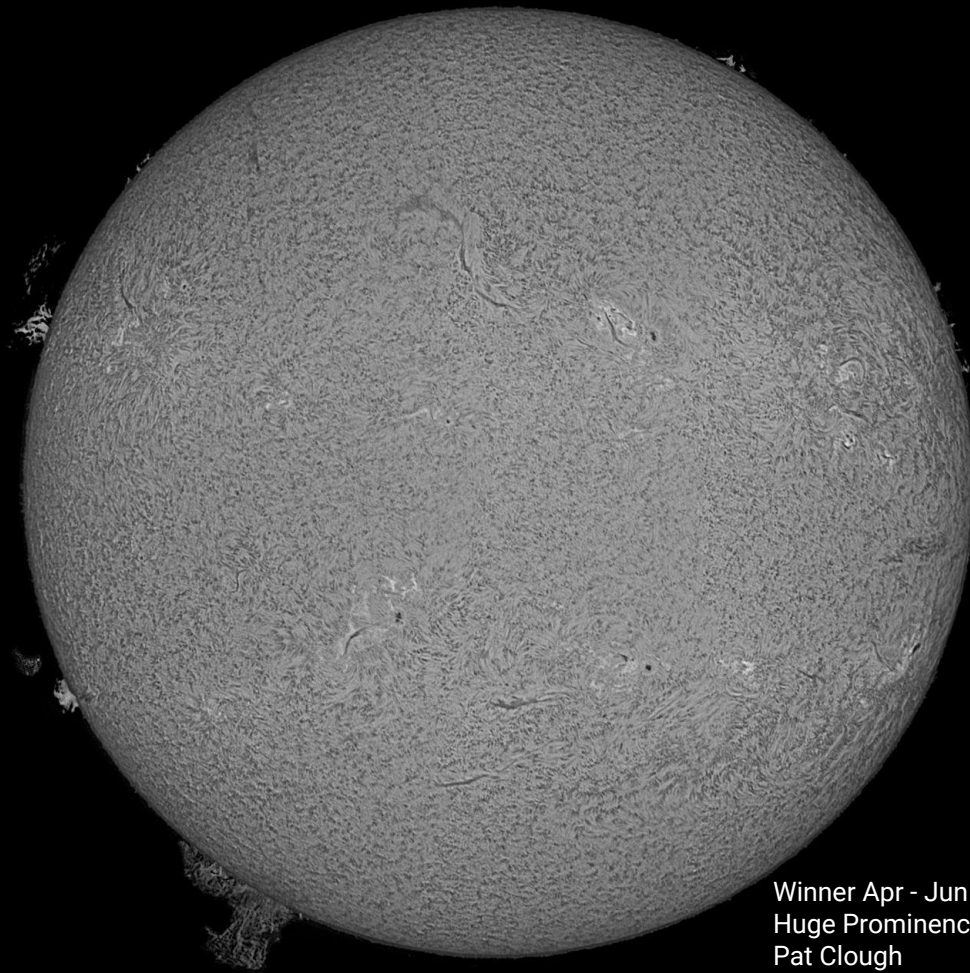


The Astronomical
Society of Edinburgh

Image of the Quarter Competition

Jul - Sep 2023

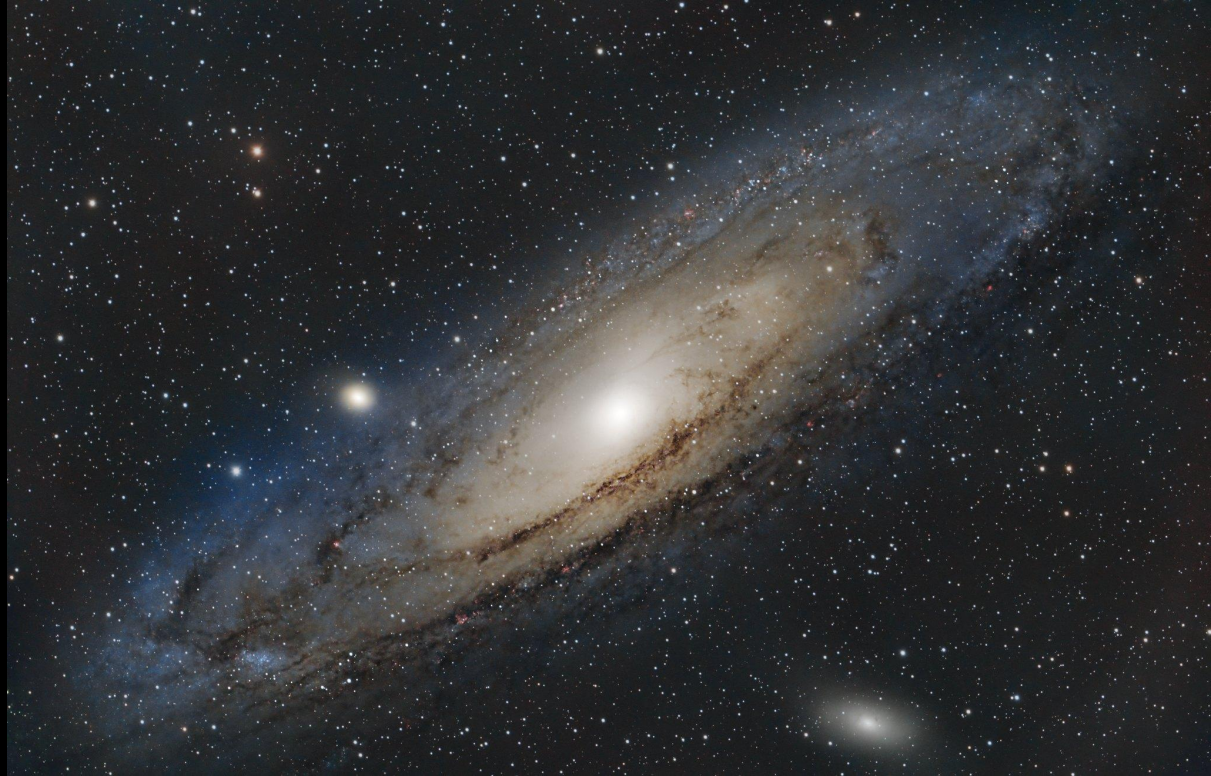
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Winner Apr - Jun 2023
Huge Prominence
Pat Clough

Criteria

- Just 6 Entries
- Judging by Pat Clough



M31 Pat Devine
IOTQ winner Jan - Mar 2023

Aurora Borealis

Ian A Smith

Responding to an alert issued by the Aurora Watch app, I was pleasantly surprised and pleased to witness the aurora from my upstairs' balcony. Most aurora are missed, either because of clouds, daylight or unconsciousness.

I took a series of 30 second images over approximately 30 minutes and this one shows the most detail at the peak of the event.



Jupiter taken on 20 August 2023

Mike Christie

I was comparing images taken with a 2x Televue Barlow and a TV 4x Powermate. The 2x Barlow is slightly under sampled but not by much, whereas the 4x Powermate was definitely oversampled. Ultimately I preferred this image with the 2x Barlow. Scope was CFF 135, f6.7 (915mm FL), camera was QHY 485C, data captured with FireCapture and processed with Planetary System Stacker stacking the best 500 images from 5000. The image was then colour balanced in PixInsight (using LinearFit) and sharpened with MultiScale Median Transform.



Wolf-Rayet 134 - WR 134

Eros Tang

The blue shell imaged through the OIII filter comes from the extremely massive and bright star known as WR134 which belongs to the Wolf-Rayet class of stars. It is located around 6000 Lys from Earth in the Cygnus region. The shell itself is quite faint and has a delicate pattern radiating from the star so a lot of time was needed to bring out this fine detail. In contrast is the red Hydrogen nebulosity imaged through the HA filter that is abundant in this region.

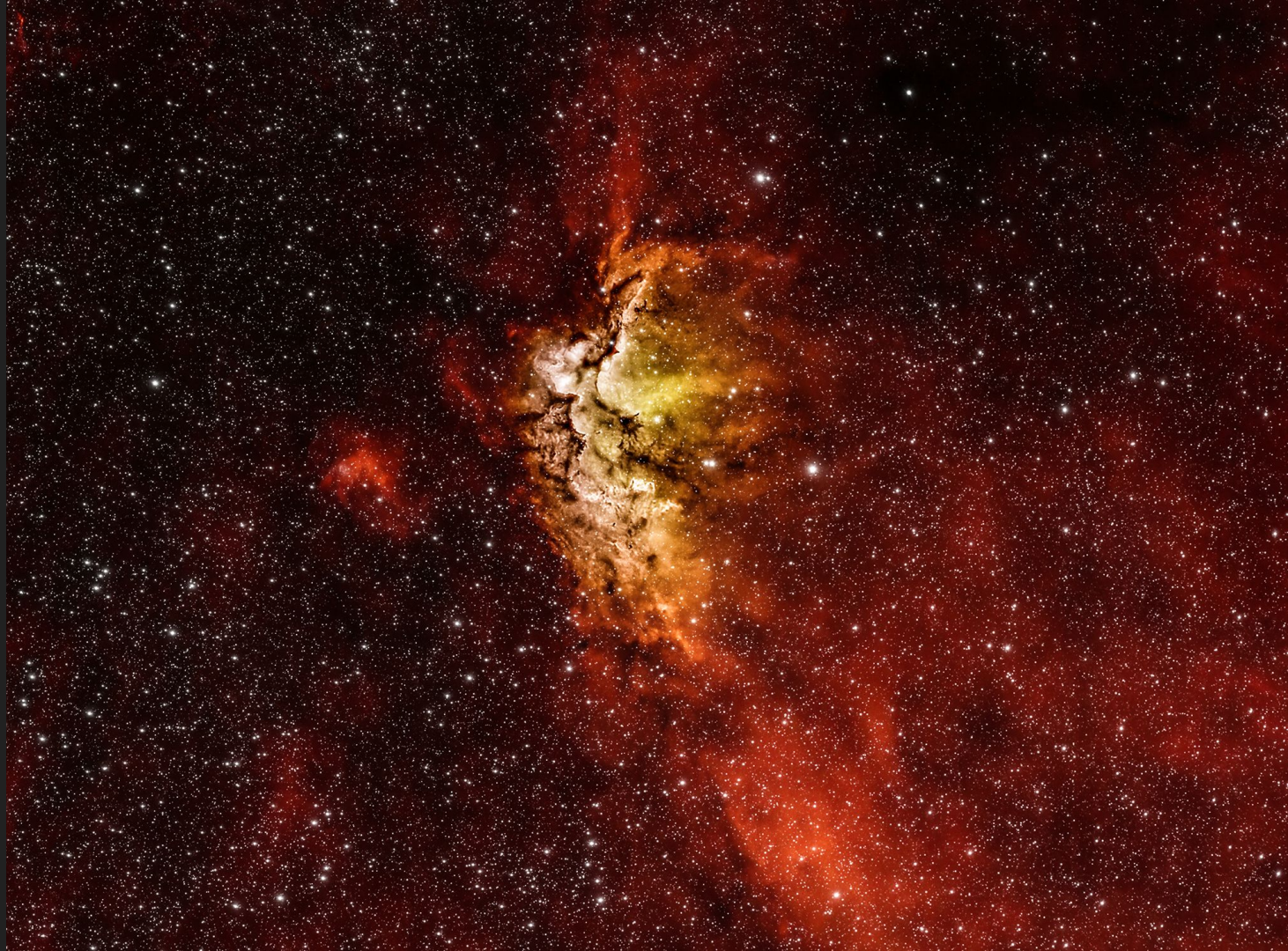


Wizard Nebula

Ian A Smith

The Wizard emission nebula is located at a distance of approximately 8,500 light years and is located in the Cepheus area of the Milky Way. It is energised by an open cluster of young stars, NGC 7380.

Portrayed in false colour to give an estimate of the location and extent of Hydrogen α and Oxygen III emissions. This is my first image using a monochrome camera and 3 filters, Ha, Oiii and Sii. The Sii stacked image was very faint and would have benefited from more time.



The Eiger and the Milky Way

Eros Tang

I visited Switzerland for my summer getaway to do some hiking in the mountains and astrophotography was the last thing on my mind. So I was totally unprepared for the view of the Milky Way against the notorious Eiger and a backdrop of numerous stars. Armed with a basic lens and mini tripod I set about photographing this fabulous sight without my usual aids of fast wide lens, cable release and sturdy tripod.



M27 taken on 6th September

Mike Christie

I had previously shot M27 on a very windy night. The nebula was good, but the stars showed evidence of the windiness and were not round. This image was the first taken with a new camera (QHY286), coupled with the field flattener on the CFF and extensions to get to the prescribed 101.7mm back focus. This image is a stack of 125 10s exposures, uncooled (because this was the first outing with the camera). Processed in PixInsight and cropped to zoom in on the nebula, and the round stars!.



THE WINNER IS...

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ASE Image of the
Quarter Winner
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Wizard Nebula

by Ian A Smith