

WORKSHOPS - 2022



Joe Cali - Mirador de la Crucetilla, Argentina, 2019 Photo: Terry Cuttle.

I retired from full-time work in 2020 and have purchased, “34 South,” a holiday/hobby house midway between Young and Cowra and under very dark skies. I will be able to accommodate workshop groups of up to 8 participants in comfort in the house. My nightscape and astrophotography capture workshops will be based around 1-3 night stays at the house, using telescopes and trackers on-site or shoots around the area which offers stunning dark skies when the air is clear and free of smoke and dust. I will continue my 25-year association with the Photoaccess Art Centre and offer these workshops as part of their Workshop Program.

The following astro-photography theme workshops and field events will be offered during 2022 COVID permitting. When enrolments open, courses will appear on [the Photoaccess Classes Page](#). Either keep an eye on the classes page or if you would like to be informed when the various astro workshops are released, you can subscribe to my email list. Send an email to:- mailto:joe_cali@hotmail.com?subject=subscribe astro workshops email list



*© Joseph Cali 2020
Canola fields seem to glow under the southern Milky Way in this image taken during the September 2020 Nightscapes Course.*

Nightscapes and Star Trails

Do you stand outside at night, look up at the stars and dream of capturing the awe-inspiring beauty of the Milky Way? If you're in possession of a DSLR camera, a tripod, warm clothes and a sense of adventure, then your dream can come true!

Join experienced astrophotographer and tutor Joe Cali for this hands-on workshop focusing on creating nightscapes. Together with fellow astro-enthusiasts, you'll consider how to compose after-dark landscapes and skyscapes, explore practical aspects of night shoots, such as forecasting clear skies and staying comfortable during long shoots, and experiment with capturing striking stills, star trails and panoramas. During long exposures, you'll no doubt also have lots of opportunity to discuss the wonder of the galaxy.

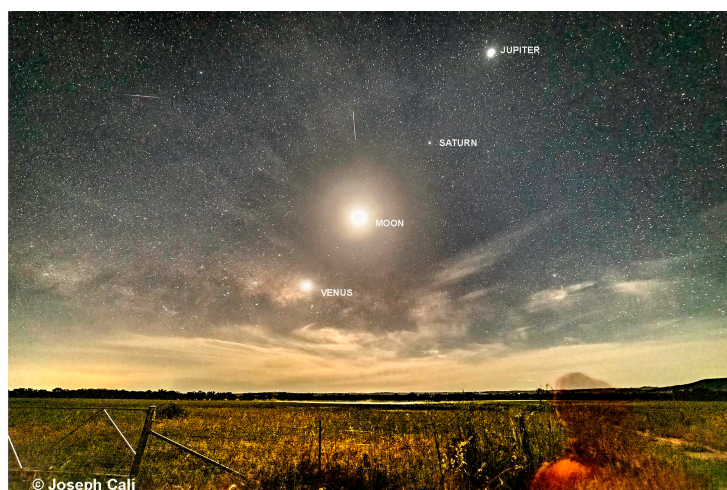
The workshop comprises four 1 hour zoom sessions and an overnight stay Saturday night field trip (1 ³/₄ hour drive each way) staying over at Joe's dark sky property halfway between Young and Cowra. The field trip is scheduled for Saturday 2 April, but please note that it's always possible that the weather may spoil our plans and we may need to delay it or bring it forward to the Friday night. We'll only be able to give you 24-48 hours' notice if it's re-scheduled due to weather. Arrive before dark, have some dinner and then we head out for a shoot around the area. Sleep in as long as you need so you're not tired for the drive back. *34 South is Joe's private home, a 1 hour 45 min drive from Canberra. In addition to camera gear and warm clothes, you will need a sleeping bag and towel. Bedding, pillow and linen plus meals provided. Be prepared for hours outside at low temperatures. The climate in Young is more mild than Canberra, night-time 3°C to 8°C, daytime 13°C to 21°C depending upon time of year. Be warned, spending substantial time outside at night **requires much much warmer clothing** than a quick dash from a house to the car. For this workshop, you must have basic to intermediate photography skills, including a good working knowledge of your camera controls and any associated equipment. If you're not sure about your skill level or whether your camera equipment is suitable, please contact us in advance of booking to discuss.

Course	Zoom classes 7pm-8pm	Field Trip overnight stay @ 34 South	Milky Way Core Rise/Set Time	Mean Minimum Overnight Temperature
2022 NS-1	Wed, Thurs March 17, 18, 24,25	Saturday/Sunday April 2/3	23:30 (RISE)	8°C ±4°C
2022 NS-2	Wed, Thurs June 15, 16, 22, 23	Saturday/Sunday June 25/26	19:00 (RISE)	3°C ±4°C
2022 NS-3	Wed, Thurs August 17, 18, 24, 25	Saturday/Sunday August 27/28	01:00 (SET)	3°C ±4°C
2022 NS-3	Wed, Thurs October 12,13, 19, 20	Saturday/Sunday October 23/24	22:00 (SET)	8°C ±4°C

Field Trip (Overnight stay) weather permitting. We will reschedule the field trip in the event of poor weather prospects.

COST: \$285 (Includes Dinner, Bed, Breakfast for field night) Comprehensive notes.

Enrolments: <https://www.photoaccess.org.au/learn/classes/nightscapes-and-startrails/>



'EQUIDISTANT AND WITH A GHOST'

Pentax #11 ISO3200 10s 16mm f2.8

Venus, Jupiter Saturn and the Moon were all strung out equidistantly along the ecliptic on November 9th 2021. The ghostly apparition of Felicity Latchford is the figure in the foreground.

“Long Weekend @ 34 South”

May 28, 29, 30 (Fri, Sat, Sun nights)

Enrolments not yet open. Send expression of interest to mailto:joe_cali@hotmail.com

Or watch this page for enrolment listing

Spend the reconciliation day long weekend shooting and enjoying the stunning dark skies at “34 South,” located 160km northwest of Canberra between Cowra and Young with expert astrophotographer, Joe Cali. In addition to some fixed tripod nightscape photography, this workshop will mainly focus on use of trackers and equatorial mountings and tracking techniques. A few tracking devices will be available ranging from entry level tracker devices to a \$10000 Takahashi EM-200 high precision mounting. Joe will demonstrate the set-up of these devices including all important polar alignment techniques. Bring your own tracker or take turns on Joe’s trackers and precision mount. Requirements: DSLR & lenses, tripod, remote release or intervalometer, sleeping bag and towel, very warm clothing, own transport.

*34 South is Joe’s private home, 1 ³/₄ hours drive from Canberra. In addition to camera gear and warm clothes, you will need a sleeping bag and towel. Mattress, pillow and bed linen plus meals provided. Expected temperatures – night-time 0-5°C, daytime 15-22°C.

Image Processing Workshops

Do you look at elegantly processed images astronomical or otherwise and wish you could do that. Tutor Joe Cali has been using Adobe Photoshop since version 2 in 1992. He began teaching B&W photography workshops at photo access in 1995 and has taught Photoshop workshops since 2004. In this two-part series, Joe will give you a rapid ground up introduction to Lightroom and Photoshop before moving into more specialised astro-processing techniques in the second series. You will need to have licensed installed versions of Lightroom and Photoshop running on your own computer that you can bring to class to gain full benefit.

Enrolments will open soon here:- <https://www.photoaccess.org.au/learn/classes/>

Digital Toolbox – Lightroom & Photoshop. 12 hrs

Aimed at complete beginners, and over 4 three-hour sessions, Joe will start at the basics and quickly teach you a set of robust processing techniques essential for photographers that can be applied to astrophotographs or any other type of photograph. This is a face-to-face course that will cover both Lightroom and Photoshop. 12 hrs is not long to learn both programs. This workshop is better suited to quick learners. If you struggle using a computer and learning computer techniques, perhaps this is not the workshop for you.

Dates:

Term 1: 6, 7, 13, 14 July

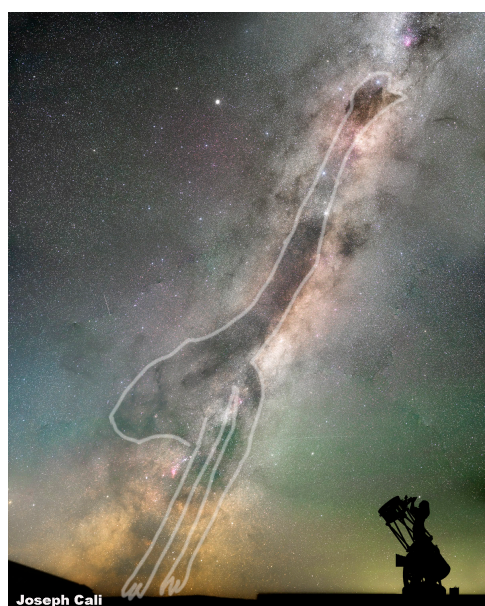
Term 2: 9, 10, 16, 17 November;

Venue: Photoaccess Manuka 6:00pm-9:00pm. ENROLMENTS OPENING MID-MARCH

Specialist Astronomical Image Processing Techniques.

This four x 3hr session will cover specialist astronomical techniques such as stacking and averaging, advanced masking and blending, noise reduction and sharpening.

Dates: Term 2: November 30, December 1, 7, 8; 6:00pm-9:00pm



Gugurmin, the Wiradjiri name of the dark constellation more commonly known as the emu. Photo taken from my property, 34 South in Wiradjiri country near Young. The emu constellation interpretation exists in the dreamtime of all Australian indigenous mythologies. It also appears as an ostrich in ancient southern African cultures and also appears interpreted as a Rhea in South American cultures. This is a twelve-panel mosaic image, 2 images wide by 6 high stitched into a single

12000 x 19000 pixel image. 50mm f2.8 lens 60s exposures at ISO1600.