ASTROFEST 2012
ASTROPHOTOGRAPHY EXHIBITION

WELCOME TO THE ASTROFEST 2012 ASTROPHOTOGRAPHY EXHIBITION

This year's exhibition showcases the exceptional talent and achievements of Western Australian astrophotographers. The 2012 exhibit presents a diverse range of images; from popular and well known images, to the lesser known and more challenging deep space objects, to extreme wide angle views of the night sky.

The astrophotographers featured in the exhibition use a range of equipment and techniques to achieve these remarkable images. Some use sophisticated telescope equipment and image processing designed to reveal hidden or faint detail. Other photographers use tripod based cameras.

Astrophotos selected for the exhibition have been grouped according to common themes; Astronomical Landscapes, Astronomical Panoramas, Star Trails and Multiple Exposures, Comet Lovejoy, Sun and Moon, and Deep Space.

More than 40 astrophotos have been selected for exhibition, showing work from 14 talented Western Australian astrophotographers.

Exhibition photographs have been selected to illustrate the diversity of Western Australia astrophotography, and to showcase technical achievement and quality, innovative techniques, aesthetic appeal & astronomical content. The inspirational images achieved by the contributors are a credit to the Western Australian astrophotography community.

The Astrofest 2012 Astrophotography Exhibition was made possible by The Western Australian Department of Commerce.

We hope you enjoy the exhibition as much as we've enjoyed putting it together.

Swan River Boatshed and Southern Cross
John Goldsmith

Moon and City Skyline
Divya Palaniswamy

Carnarvon Dish and Milky Way
Rick Tonello

Carnarvon Casshorn Antenna and Milky Way
Rick Tonello

Perth Skyline and Moon
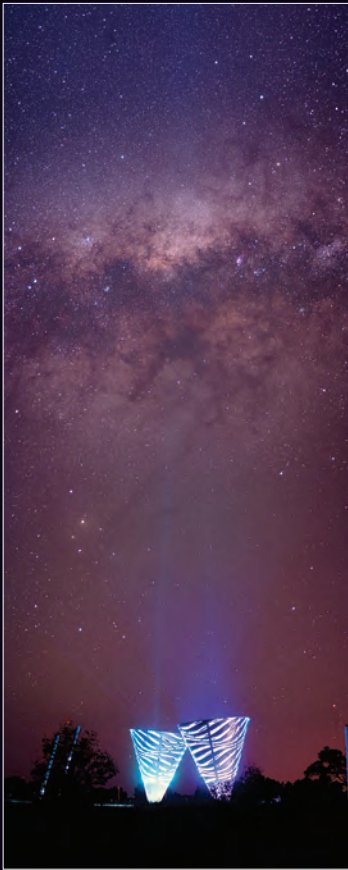Brian Sture

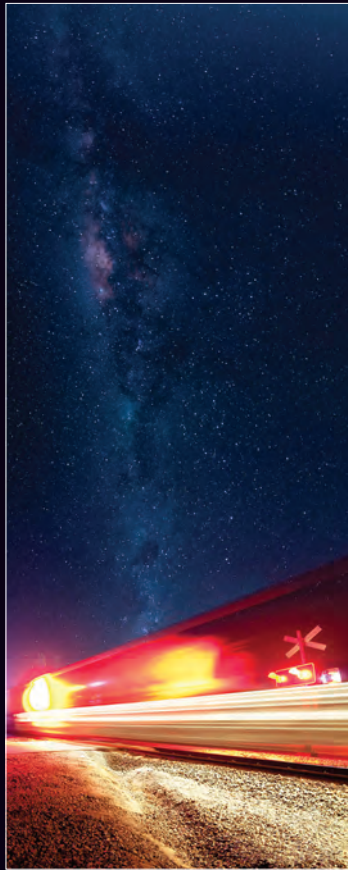**Large and Small Magellanic Clouds**
Roger Groom

Milky Way Panoramic
David Parlevliet

Pinnacles and Milky Way
David Parlevliet

Space Train
David Parlevliet

Stromatolites and Milky Way
David Parlevliet

360 degree view of Comet Lovejoy from Kings Park, Perth
John Goldsmith

Graffiti Bunker
David Parlevliet

Windmill Star Trails
James Athanasou

Pinnacle Star Trails
James Athanasou

Perth, Planets and Moon
Divya Palaniswamy

Wolfe Creek Crater Star Trails
James Athanasou

Moonset and Ship
Chris Thorne

Wave Rock and Stars
Chris Thorne

Windmill and Moonrise
Chris Thorne
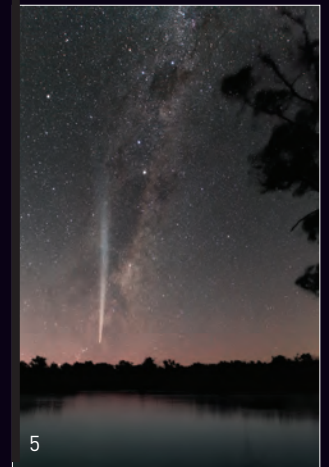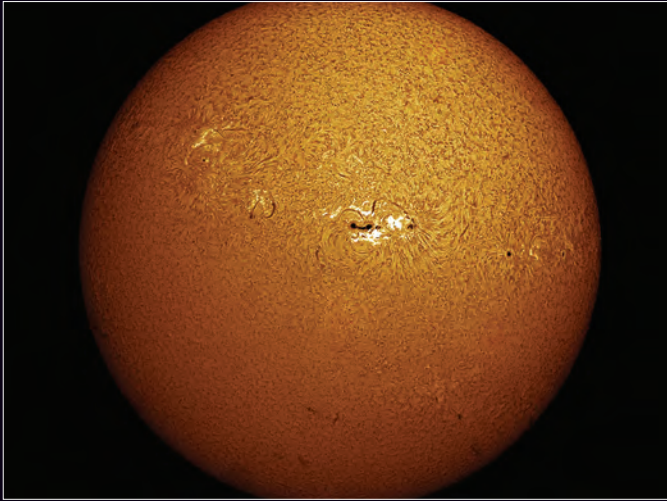
1 Chris Thorne

2 Above Brookton Valley - John Goldsmith

3 John Goldsmith

4 In the morning twilight - Grahame Kelaher

5 Roger Groom

6 John Goldsmith

7 James Athanasou

8 Above Perth Observatory - Rick Tonello

SUN AND MOON

Hydrogen Alpha image of the Sun, showing granulations and sunspot

Rick Tonello

Lunar Eclipse in June 2011

Grahame Kelaher

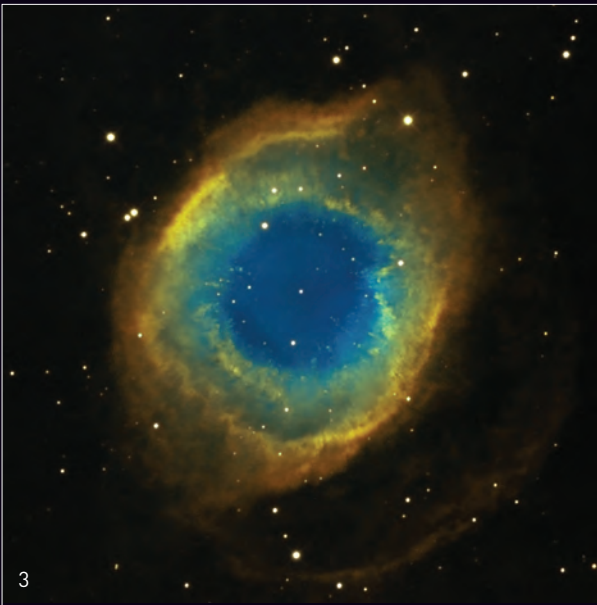**Lunar Eclipse With Stars**

Roger Groom

Moon

Mick Todd

DEEP SPACE

NGC5139

Trevor Warner

Rosetta Nebula

Trevor Warner

1 M20 - Grahame Kelaher   **2** Horsehead Nebula - Brendan Mitchell   **3** Helix Nebula - David Ahn
4 M66 - Mick Todd   **5** M16 - Graham Kelaher   **6** IC2602 - Mick Todd

1 Lagoon and Triffid Nebulas - Grant Boxer
2 M83 - Grant Boxer
3 NGC5128 - Grahame Kelaher

4 M42 The Great Orion Nebula - Trevor Warner
5 Seagull Nebula - Brendan Mitchell

The astrophotgraphy exhibition also included timelapse photography sequences from Grahame Kelaher, John Goldsmith and James Athanasou.

ASTROFEST ASTROPHOTOGRAPHY EXHIBITION 2012

Curator: John Goldsmith (Image selection: Kirsten Gottschalk, ICRAR)

Exhibition contributors:

David Ahn	James Athanasou	Grant Boxer	John Goldsmith	Roger Groom
Graham Kelaher	Brendan Mitchell	Divya Palaniswamy	David Parlevliet	Brian Sture
Mick Todd	Chris Thorne	Rick Tonello	Trevor Warner	

Sponsor:

Western Australian Department of Commerce

Associates:

The World At Night   www.twanight.org
Celestial Visions   www.celestialvisions.com.au

This exhibition was held as part of Astrofest 2012
at Curtin Stadium, Perth on the 31st of March.

THE GOVERNMENT OF WESTERN AUSTRALIA

ICRAR

International Centre for Radio Astronomy Research