

ASTROFEST 2017

ASTROPHOTOGRAPHY EXHIBITION



WELCOME TO THE ASTROFEST 2017 ASTROPHOTOGRAPHY EXHIBITION

The 2017 Astrofest astrophotography exhibition celebrates and showcases Western Australian astrophotographers and astro-imagers. With its beginnings in 2009 and now in its eighth year, the exhibition is premiered at Astrofest, Western Australia's biggest annual astronomy festival, and then tours at various regional events throughout the year, including the Western Australian Museum (Geraldton) since 2015, and the Mount Magnet Astro-rocks festival, since 2013. More than 20,000 visitors have enjoyed the exhibition to date.

The 2017 exhibition showcases the superb accomplishments of twenty three talented Western Australian astro-imagers. This year's entries include superb deep space images shown in extraordinary detail and colour, using telescope based imaging combined with the power of sophisticated image processing. Deep space and planetary images are complemented by superb astronomical landscape images which record the cosmos above a myriad of locations throughout Western Australia.

Our three eminent judges, Dr David Malin (davidmalin.com), Prof. Peter Quinn (ICRAR), and Prof. Andreas Wicenec (ICRAR), have each provided expert and critical appraisal, selection and judging. For the 2017 exhibition, the judges have awarded the Best Astrophoto (sponsored by Camera Electronic), Best Timelapse and the Best New Talent Award (sponsored by Pendoley Environmental). Voting on the night of Astrofest determines the People's Choice award.

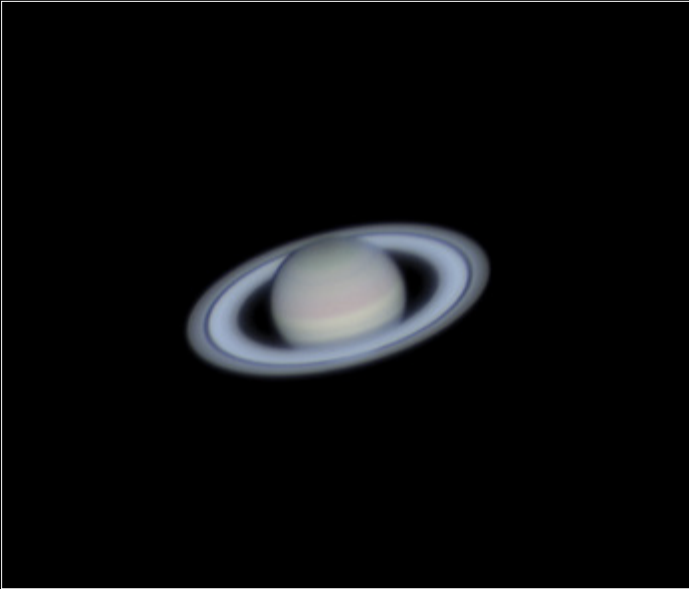
Thanks go to all of the entrants to the exhibition, the judges, our sponsors, Camera Electronic, the International Centre for Radio Astronomy Research (ICRAR), Lotterywest, Pendoley Environmental, Shoot Photography Workshops, and our associates, The World at Night and Celestial Visions.

Enjoy the exhibition!

Dr John Goldsmith

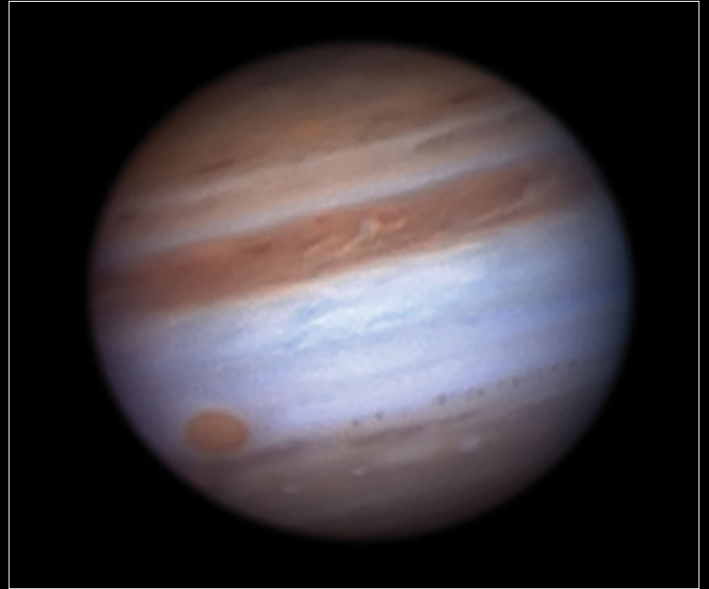
Astrofest Astrophotography Curator

SOLAR SYSTEM OBJECTS



Saturn

Andrew Lockwood



Jupiter

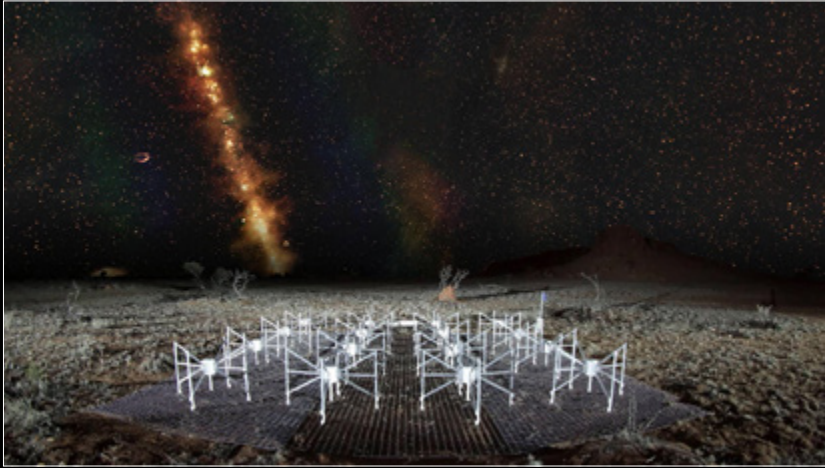
Ray Palmer



International Space Station transits the Moon

Stephen Humpleby

TIMELAPSE AND VIRTUAL REALITY



GLEAM: the southern sky in radio and visible light

Timelapse

Dr John Goldsmith, Dr Natasha
Hurley-Walker and the GLEAM Team



A weekend at Wanarra

Timelapse

Stephen Humpleby



Aurora australis, West Australian style!

Timelapse

Grahame Kelaher



Lake Ninan 360°

Virtual Reality

Luke Busellato

ASTRONOMICAL LANDSCAPES

Planetary sunset

Roger Groom



Lighting the Way

Trevor Dobson



Ocean rock and planets

Kyle Bromley

Pure serenity

Paean Ng



Pink Lake reflections

Paean Ng

ASTRONOMICAL LANDSCAPES



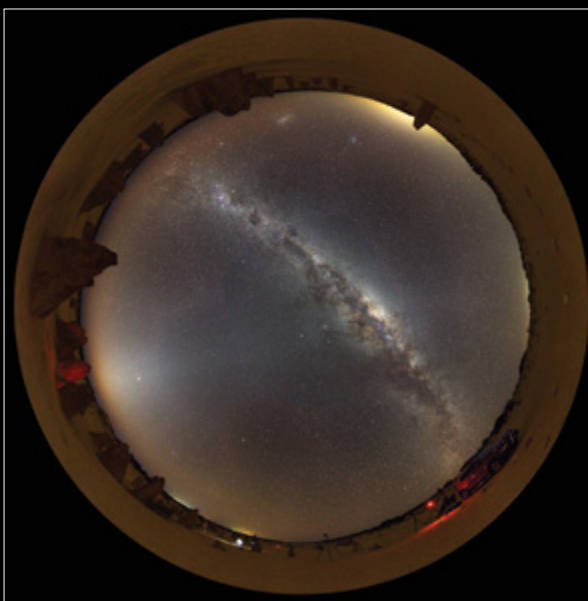
The wanderer
Michael Goh



The Outlier
Pete Wheeler



Reach to the Heavens
Luke Busellato



Pinnacles and Milky Way 360° image
Paul Storey



**Milky Way stars and moonrise above radio
telescope antennas**
Dr John Goldsmith

ASTRONOMICAL LANDSCAPES



New Norcia
Sandino Pusta



Stars 'n Storms
Grahame Kelaher



**Full Moon over Lake
Koorkoordine**
Kylie Gee



**Between
fire and water**
William Vrbasso

ASTRONOMICAL LANDSCAPES



Wagin Aurora!
Grahame Kelaher



Watching in awe: Aurora Australis
Grahame Kelaher



Cloudy Skies
Grahame Kelaher



Rise of the Full Moon Spectacular!
Grahame Kelaher



The Greenough leaning tree
Ken Lawson

ASTRONOMICAL LANDSCAPES

Super Moon over Swan River

Boyang Liu



Super Moon over Southern Cross

Kylie Gee



Milky Way over Askew Lake

Kylie Gee



Corrigin Farmland

Sandino Pusta

WIDEFIELD IMAGES



Saturn visits the Blue Horsehead

Andrew Lockwood



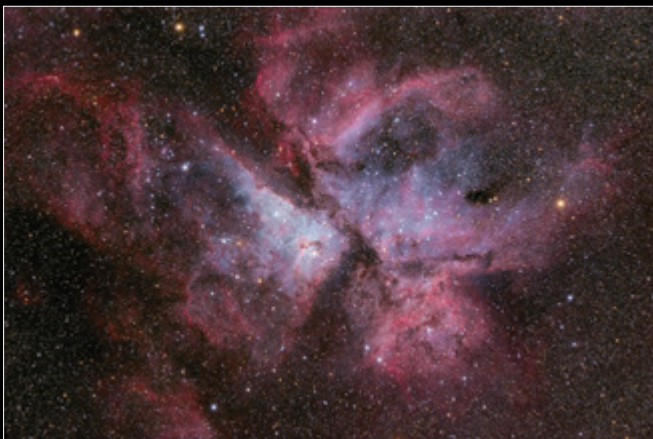
Milky Way and Scorpius

Stephen Humpleby

DEEP SPACE

Eta Carinae nebulosity

William Vrbasso



Eta Carinae Nebula

Kyle Yau



Eta Carinae Nebula

Fabian Rodriguez

Frustaglia



The flowers of Sagittarius

William Vrbasso

DEEP SPACE



The Tarantula Nebula

Andrew Lockwood



Lagoon Nebula (Messier 8)

Fabian Rodriguez Frustaglia



The Prawn Nebula in Scorpius

Paul Sartory

Alnitak, Flame and Horsehead Nebulosity, Orion

Glenn Shuttleworth



Barnard 33

Paul Storey



Orion's belt

Andrew Lockwood



Orion nights

William Vrbasso



The jewel in Orion's sword

Andrew Lockwood

DEEP SPACE



The heart of the Rosette Nebula
Andrew Lockwood



Rho Ophiuchi cloud complex
Paul Storey



Galaxy Triplet
Fabian Rodriguez Frustaglia



Andromeda Galaxy
Ken Lawson



**The Seven Sisters
nebula**
Glenn
Shuttleworth



NGC 5139, Omega Centauri
Fabian Rodriguez Frustaglia



Sombrero Galaxy (Messier 104)
Fabian Rodriguez Frustaglia

ASTROFEST ASTROPHOTOGRAPHY EXHIBITION 2017

Credit: Bob Bee



Dr David Malin
(davidmalin.com)



Prof Peter Quinn
(ICRAR)



Prof Andreas Wicenec
(ICRAR)



Dr John Goldsmith
(Celestial Visions)

Judges: Dr David Malin, Professor Peter Quinn and Professor Andreas Wicenec.

Curator: Dr John Goldsmith. **Celestial Visions:** www.celestialvisions.com.au

Featured Astro-imagers:

Kyle Bromley
Roger Groom
Ken Lawson
Sandino Pusta
Paul Storey

Luke Busellato
Kylie Gee
Boyang Liu
Fabian Rodriguez
William Vrbasso

Trevor Dobson
Stephen Humpleby
Andrew Lockwood
Frustaglia
Pete Wheeler

Michael Goh
Dr Natasha Hurley-Walker
Paeon Ng
Paul Sartory
Kyle Yau

Dr John Goldsmith
Grahame Kelaher
Ray Palmer
Glenn Shuttleworth

Copyright for all images in the Astrofest 2017 astrophotography exhibition is retained by the photographers.

Awards:

Best Astrophoto, Best Timelapse, Best New Talent and People's Choice, awarded at Astrofest 2017.
Details at www.astronomywa.net.au/astrophotography-exhibition

Major Sponsors:

ICRAR www.icrar.org
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Lotterywest www.lotterywest.wa.gov.au

Prize Sponsors:

Camera Electronic www.cameraelectronic.com.au
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Pendoley Environmental www.penv.com.au

Associates:

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



This exhibition was held as part of Astrofest 2017 at Curtin Stadium, Perth on the 18th of March.