

# ASTROFEST 2015

## ASTROPHOTOGRAPHY EXHIBITION



INTERNATIONAL  
YEAR OF LIGHT  
2015

### WELCOME TO THE ASTROFEST 2015 ASTROPHOTOGRAPHY EXHIBITION

The 2015 Astrofest astrophotography exhibition, now in its sixth year, features at Western Australia's biggest astronomy festival. Presented during the International Year of Light 2015, the exhibition celebrates and showcases superb astronomical imaging by Western Australian astrophotographers and astro-imagers.

This year, we welcome the return of our three eminent judges, Dr David Malin, Prof Peter Quinn, and Prof Andreas Wicenec, who have each provided expert and critical appraisal, selection and judging. Three awards recognise outstanding efforts and achievements within the exhibition, including the Best Astrophoto, Best Timelapse Video, and the People's Choice award, which is determined on the night of Astrofest. The Best Astrophoto Award has been generously sponsored by Camera Electronic and Shoot Photography Workshops and their support is greatly appreciated.

The 2015 exhibition promotes the accomplishments of Western Australian astro-imagers. We see the very strong popularity of digital cameras being used to record superb astronomical landscape images at a myriad of locations throughout Western Australian and beyond. Telescope based imaging, combined with the power of sophisticated image processing, records stunning colour images of deep space objects in extraordinary detail.

Thanks go to all of the entrants to the exhibition, the judges, our sponsors, Lotterywest, WPM Group, Camera Electronic, Shoot Photography Workshops, and the International Centre for Radio Astronomy Research (ICRAR), as well as our associates, The World At Night and Celestial Visions. Enjoy the exhibition!

**Dr John Goldsmith**

Astrofest Astrophotography Curator

## TIMELAPSE VIDEO

Timelapse videos can be viewed as part of the digital exhibition on the screens at Astrofest.



### **Karijini National Park, Pilbara, Western Australia**

Kwon O Chul

Time-lapse taken at Karijini National Park by Kwon O Chul. Features "The Temperature of the Air on the Bow of the Kaleentan" soundtrack by Chris Zabriskie (<http://chriszabriskie.com>). Kwon is a member of The World at Night international network of astrophotographers, and has visited Western Australia for astrophotography.

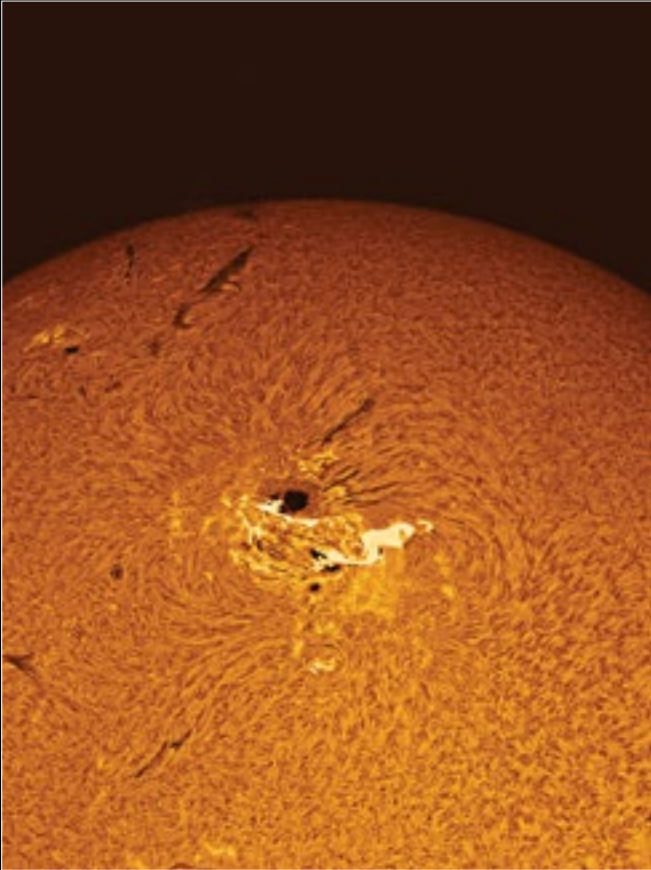


### **A Galaxy dream**

John Goldsmith

An inspired and meditative timelapse sequence featuring our Milky Way galaxy above Lake Ballard, Western Australia and the "Inside Australia" statue project by UK artist Antony Gormley. Features the "New Life" soundtrack by Baldych, from the Tunguska Electronic Music Society.

## THE SUN



**Dynamic Sun: active region 2192**  
Richard Tonello



**Partial eclipse over Perth**  
Grahame Kelaher

## ASTRONOMICAL LANDSCAPES



**Perth City lunar eclipse**  
Roger Groom

## ASTRONOMICAL LANDSCAPES



**Boab trees in Kimberley**

Kwon O Chul



**Like little prince**

Kwon O Chul



**Magellan galaxies and Boab tree**

Kwon O Chul

ASTRONOMICAL LANDSCAPES



**Land before time**  
Grahame Kelaher



**Red heart galaxy entity**  
John Goldsmith



**Northern Milky Way with Orion and Pleiades**  
Roger Groom



**Peak illumination**  
John Goldsmith

## ASTRONOMICAL LANDSCAPES



**Coastal galaxy self portrait**

Scott McCook

**Lost in the dark**

Michael Goh



**Celestial bridge**

Michael Goh





**Galaxy dune**  
Scott McCook



**Silo stars**  
Stephen Humpleby



**Sunset at the Pinnacles**  
John Goldsmith

ASTRONOMICAL LANDSCAPES



**Ballard trails**  
Stephen Humpleby



**Canopy of stars**  
Stephen Humpleby

**Southern star-trails and  
Swan River Boatshed**  
John Goldsmith





**Boab tree and Milky Way**

Kwon O Chul



**Round the twist**

Scott McCook

## ASTRONOMICAL LANDSCAPES



**Arctic dance floor**

Ingrid Kjelling



**Spirits in the sky**

Ingrid Kjelling



**Emerald sea**

Ingrid Kjelling

## ASTRONOMICAL LANDSCAPES



**Distant lands**

Michael Goh



**South Celestial Pole star trails and natural arch landscape**

John Goldsmith



**The Northern Lights, Kiruna, Sweden**

David Nicolson



**Comet C/2014 Q2 Lovejoy visits the Pleiades**

Andrew Lockwood



**Hubble palette Eagle Nebula**

Andrew Lockwood



**M42, the Great  
Orion Nebula**  
Mark Bridger



**M8 - Lagoon Nebula**  
Paul Storey



**IC434 Horsehead and NGC2024 Flame Nebulae in Orion**

Geoff Scott

**The Trifid Nebula in Sagittarius**

Andrew Lockwood



**IC2944**  
**Running Chicken Nebula**  
Paul Storey



**NGC 3324 and NGC3293**  
**Gabriela Mistral nebula and surrounds**  
Paul Storey



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**Judges:**

Credit: Bob Bee



**Dr David Malin**



**Professor Peter  
Quinn (ICRAR)**



**Professor Andreas  
Wicenec (ICRAR)**

**Curator:** Dr John Goldsmith

**Featured Astro-imagers:**

Mark Bridger  
Grahame Kelaher  
Geoff Scott

Luke Busellato  
Ingrid Kjelling  
Paul Storey

Michael Goh  
Andrew Lockwood  
Richard Tonello

John Goldsmith  
Scott McCook

Roger Groom  
David Nicolson

Stephen Humpleby  
Kwon O Chul

*Copyright for all images in the Astrofest 2015 astrophotography exhibition is retained by the photographers.*

**Awards:**

Best Astrophoto, Best Timelapse Video and People's Choice, awarded at Astrofest 2015.

Details at [www.astronomywa.net.au/index.php/General-news/astrophotography.html](http://www.astronomywa.net.au/index.php/General-news/astrophotography.html)

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**Associates:**

ICRAR [www.icrar.org](http://www.icrar.org)

The World At Night [www.twanight.org](http://www.twanight.org)

Celestial Visions [www.celestialvisions.com.au](http://www.celestialvisions.com.au)



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