

Spring 2011 (3 March)  
Astrophoto Contest Entries & Winners

PRINT

◦ NOVICE

Winner

- Kevin Bartee + Will Jackson - Horsehead + Flame
- Kevin Bartee + Will Jackson - Clear Skies over Neb.
- Pleasant Pt. Observatory
- 

◦ TRIPOD

Winner

- Charles Hite - Race to the Full Moon
- Charles Hite - Big Dipper at MAC - Devenieux
- Charles Hite - The Belt of Venus
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◦ GUIDED

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◦ OPEN

Winner

- Brian Peterson - M31
- Brian Peterson - M81
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- 

◦ SOLAR SYSTEM

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- 
- 
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## PROJECTION

### ◦ NOVICE

Winner

Kevin + Will - M81

• Kevin + Will - M45

• Kevin + Will - M52

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### ◦ TRIPOD

• Elizabeth - Laser Pointed at Sag. A

Winner

John Hodge - Space Shuttle Discovery (STS-133)

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### ◦ GUIDED

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### ◦ OPEN

• Hap - M78 in Orion

• Brian - M82

• Brian - M78

• Alex Mowery - Orion's Sword

Winner

Brandon Wiggins - Wester Veil Neb

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### ◦ ANIMATION

Winner

Kevin + Will - Comet Hartley 103 P

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### ◦ SOLAR SYSTEM

• Alex - Jupiter at Opposition

• Alex - Lunar Eclipse

Winner

John Hodge - Jupiter, 2 moons + The Red Spot

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# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Will Jackson and Kevin Bartee

Date Photo taken: Nov 14, 2009

Category: (Check One)

## PRINT

☒ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open  
☐ Animated

Image Name: Clear skies and Orion over Pleasant Pointe Observatory

Subject: Orion Constellation

Exposure: Single frame, 30 seconds

Megapixels, Film (ASA & Brand): 10 mega pixels

Camera Description: Canon EOS 40D unmodified

Telescope or lens description: Stock 80mm Canon lens.

Digital Processing (if any): None

Comments: This photo was taken while learning how to operate the DSLR camera.

Slides shall be labeled "TS" representing 'Top' and 'this side toward Screen' to ensure correct orientation during projection. Slides will NOT be reoriented once the contest has begun.

*I certify that I am the photographer of this entry and that it meets the MAC Astrophoto Contest Rules and category descriptions. I give my permission to display my photograph(s)/slide(s) on MAC's web pages.*

Signature: 

Date: 3-3-2011

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Brian Peterson

Date Photo taken: 2-26-11

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☒ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open
- ☐ Animated

Image Name: M 81

Subject: \_\_\_\_\_

Exposure: Lum 2 hours RGB 40 minutes each (4 hours Total)

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: SIG SCL-11000

Telescope or lens description: Hyperion 12.5" F/8

Digital Processing (if any): \_\_\_\_\_

Comments: \_\_\_\_\_

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Signature: Brian Peterson

Date: 3-3-11

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Will Jackson and Kevin Bartee

Date Photo taken: Oct 3, 2010

Category: (Check One)

## PRINT

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☒ Novice  
☐ Tripod  
☐ Guided  
☐ Open  
☐ Animated

Image Name: NOVICE\_M45\_October\_3\_2010.jpg

Subject: M45 - Pleiades Reflection Nebula

Exposure: 91 minutes - 91 x 1min@ISO800 91 lights, 26 darks, 30 flats

Megapixels, Film (ASA & Brand): 10 mega pixels

Camera Description: Canon EOS 40D unmodified

Telescope or lens description: William Optics 110mm APO w/ 0.8x Focal Reduction. Auto-guiding with PHD.

Digital Processing (if any): Stacked and processed with Images Plus 3.75. Post processing with Adobe Photoshop

CS5

Comments: This was a second attempt at M42; we were having issues with guiding forcing us to reduce the exposure time to 60 second light frames.

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Signature: 

Date: 3-3-2011

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Will Jackson and Kevin Bartee

Date Photo taken: Oct 8, 2010

Category: (Check One)

## PRINT

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☒ Novice  
☐ Tripod  
☐ Guided  
☐ Open  
☐ Animated

Image Name: NOVICE\_M52-BubbleNebula\_October\_08\_2010.jpg

Subject: M52 and NGC 7635 a.k.a the Bubble Nebula

Exposure: 55 minutes - 11 x 5min@ISO800 11 lights, 26 darks, 30 flats

Megapixels, Film (ASA & Brand): 10 mega pixels

Camera Description: Canon EOS 40D unmodified

Telescope or lens description: William Optics 110mm APO w/ 0.8x Focal Reduction. Auto-guided with PHD.

Digital Processing (if any): Stacked and processed with Images Plus 3.75. Post processing with Adobe Photoshop CS5.

Comments: This photo was taken while waiting for Hartley 103P to clear the roof enough to begin imaging.

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Signature: Will Jackson

Date:

3-7-2011

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Elizabeth M Warner

Date Photo taken: 09 Oct 2010

Category: (Check One)

## PRINT

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☐ Novice  
☒ Tripod  
☐ Guided  
☐ Open  
☐ Animated

Image Name: EMW\_laser\_sp11st.jpg

Subject: Lasers Pointing at alpha Sag

Exposure: 20s

Megapixels, Film (ASA & Brand): digital, ISO 1600

Camera Description: Canon 20Da w/ 17-85mm lens @ 17mm, f/4.5

Telescope or lens description: \_\_\_\_\_

Digital Processing (if any): \_\_\_\_\_

Comments: \_\_\_\_\_

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Signature: Elizabeth Warner (email)

Date: 3 Mar 2011

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Alex Mowery

Date Photo taken: 12/21/10

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open
- ☐ Animated

Solar System

Image Name: Lunar Eclipse

Subject: Moon

Exposure: \_\_\_\_\_

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: Canon 50D

Telescope or lens description: Celestron CPC-800

Digital Processing (if any): \_\_\_\_\_

Comments: \_\_\_\_\_

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Signature: Alex Mowery Date: 3/3/10



# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: John Hodge

Date Photo taken: January 2011

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☒ Guided
- ☐ Open
- ☐ Animated

Image Name: Venus at Dawn

Subject: Venus + starfield

Exposure: 5 minute - Digiback

Megapixels, Film (ASA & Brand): Canon 400D - Digital

Camera Description: 55mm lens

Telescope or lens description: 55mm

Digital Processing (if any): Dark @ subtraction + flat field  
correction

Comments: Venus at first light.  
Temperature was ~15°F

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Signature: 

Date: 3-4-11

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: HAP GRIFFIN

Date Photo taken: JAN 3<sup>RD</sup> + 8<sup>TH</sup>, 2011

Category: (Check One)

## PRINT

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☐ Novice  
☐ Tripod  
☐ Guided  
☒ Open  
☐ Animated

Image Name: M78 IN ORION

Subject: M78

Exposure: 390 MINUTES TOTAL (270 MINUTES LUMINANCE, 45 MINUTES EACH RED, GREEN, BLUE)

Digital (Megapixels) or Film (ASA & Brand): 8

Camera Description: QSI 583 CCD

Telescope or lens description: TAKAHASHI FSQ-106 @ f/5

Digital Processing (if any): LOTS

Comments: \_\_\_\_\_

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Signature: Hap Griffin

Date: 3/3/11

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Brian Peterson

Date Photo taken: Jan 29, 2011

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☒ Open
- ☐ Animated

Image Name: M 82

Subject: \_\_\_\_\_

Exposure: LRGB = 180:40:40:40 (5 hours total)

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: SBIG STL-11000

Telescope or lens description: Hyperion 12.5" F/8

Digital Processing (if any): \_\_\_\_\_

Comments: \_\_\_\_\_

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Signature: Brian Peterson Date: 3-3-11

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Brian Peterson

Date Photo taken: Jan 3, 2011

Category: (Check One)

## PRINT

☐ Novice  
☐ Tripod  
☐ Guided  
☐ Open

## PROJECTED IMAGE

☐ Novice  
☐ Tripod  
☐ Guided  
☒ Open  
☐ Animated

Image Name: M 78

Subject: \_\_\_\_\_

Exposure: Lcm = 3 hours RGB = 30 min each (4 1/2 total)

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: SBI 6 STL-11000

Telescope or lens description: Hyperion 12.5" f/8

Digital Processing (if any): \_\_\_\_\_

Comments: 1st image for this scope.

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Signature: Brian Peterson

Date: 3-3-11

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Alex Moroney

Date Photo taken: 10/16/10

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☒ Open
- ☐ Animated

Image Name: Orion's Sword

Subject: \_\_\_\_\_

Exposure: 30 mins (6 x 5 mins light)

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: Orion StarShoot Pro

Telescope or lens description: Orion 80mm ED Refractor

piggybacked on Celestron CPC-800

Digital Processing (if any): Captured w/ Maxim DL, Processed  
in Maxim DL and Photoshop CS3

Comments: \_\_\_\_\_

Slides shall be labeled "TS" representing 'Top' and 'this side toward Screen' to ensure correct orientation during projection. Slides will NOT be reoriented once the contest has begun.

*I certify that I am the photographer of this entry and that it meets the MAC Astrophoto Contest Rules and category descriptions. I give my permission to display my photograph(s)/slide(s) on MAC's web pages.*

Signature: Alex Moroney Date: 3/3/10

# MAC ASTROPHOTO CONTEST ENTRY FORM

(Please print all information legibly)

Photographer: Alex Mowery

Date Photo taken: 9/20/10

Category: (Check One)

## PRINT

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open

## PROJECTED IMAGE

- ☐ Novice
- ☐ Tripod
- ☐ Guided
- ☐ Open
- ☐ Animated

Solar System

Image Name: Jupiter at Opposition

Subject: Jupiter

Exposure: \_\_\_\_\_

Megapixels, Film (ASA & Brand): \_\_\_\_\_

Camera Description: Philips Webcam

Telescope or lens description: Celestron 14"

Digital Processing (if any): Registax for processing

Iris for capture

Comments: \_\_\_\_\_

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Signature: Alex Mowery

Date: 3/3/11