

Advanced Imaging Conference 2022 Agenda

Friday Workshops

TIME	WORKSHOP A	WORKSHOP B	WORKSHOP C	WORKSHOP D
8:00AM – 9:30AM	<p>Jon Talbot</p> <p>New Generation CMOS Technology</p> <p>CMOS vs CCD, Processing Considerations, PixInsight 2-3</p>	<p>Wanda Conde-Silva</p> <p>Equipment and Imaging Solutions in Problematic Locations</p> <p>Narrow Band, Light Pollution, PixInsight 3</p>	<p>Sean Walker</p> <p>Near Space: Imaging Solar System Objects</p> <p>Planetary, RegiStax, AutoStakkert 3</p>	<p>Kerry-Ann Lecky Hepburn</p> <p>Mastering Milky Way Processing</p> <p>Earth/Sky, Photoshop, Lightroom 2-3</p>
10:00AM – 11:30AM	<p>John Hayes</p> <p>Secrets of Long Focal Length Imaging</p> <p>Wavefront Analysis, Optics, Optimization 4-5</p>	<p>Warren Keller</p> <p>Ride the Wave: Wavelets for Smoothing, Sharpening and so much MORE</p> <p>PixInsight, Deep Sky, Demonstration 3-4</p>	<p>Peter Jenkins</p> <p>Processing Narrowband Images</p> <p>Deep Sky, PixInsight, Photoshop, Demo 3-4</p>	<p>Simon Tang</p> <p>Getting Started in Astrophotography</p> <p>Equipment, Pros/Cons 1</p>
LUNCH				
1:30PM – 3:00PM	<p>Russ Croman</p> <p>AI for Astrophotography</p> <p>Star Removal, Neural Net, PixInsight 3</p>	<p>Adam Block</p> <p>Secrets of PixInsight</p> <p>WBPP/NSG , Narrowband, and more... 3-4</p>	<p>Jon Talbot</p> <p>New Generation CMOS Technology</p> <p>CMOS vs CCD, Processing Considerations, PixInsight 2-3</p>	<p>Kerry-Ann Lecky Hepburn</p> <p>Mastering Milky Way Processing</p> <p>Earth/Sky, Photoshop, Lightroom 2-3</p>
3:30PM – 5:00PM	<p>Peter Jenkins</p> <p>Processing Narrowband Images</p> <p>Deep Sky, PixInsight, Photoshop, Demo 3-4</p>	<p>John Hayes</p> <p>Secrets of Long Focal Length Imaging</p> <p>Wavefront Analysis, Optics, Optimization 4-5</p>	<p>Russ Croman</p> <p>AI for Astrophotography</p> <p>Star Removal, Neural Net, PixInsight 3</p>	<p>Simon Tang</p> <p>Getting Started in Astrophotography</p> <p>Equipment, Pros/Cons 1</p>

Friday Night

TIME	Main Venue	Length
7:00PM – 7:10PM	Opening Comments	10 minutes
7:10PM – 7:15PM	Sponsor Video	5 minutes
7:15PM – 7:20PM	Sponsor Video	5 minutes
7:20PM – 8:00PM	Adam Block Through the Looking Gas <small>General Audience</small> 1	40 minutes
8:00PM – 8:05PM	Sponsor Video	5 minutes
8:05PM – 8:10PM	Sponsor Video	5 minutes
8:10PM – 8:50PM	Harry Krantz A Sky Full of Satellites Implications and Solutions For Astronomers <small>General Audience</small> 1	40 minutes
8:50PM – 8:55PM	Sponsor Video	5 minutes
8:55PM – 9:00PM	Sponsor Video	5 minutes

Saturday

TIME	Main Venue	Length
8:00AM – 8:15AM	Opening Comments	15 min
8:15AM – 9:15AM	Bob Denny Hubble Award Lecture	60 min
9:15AM – 9:20AM	Sponsor Video	5 minutes
9:20AM – 9:25AM	Sponsor Video	5 minutes
9:25AM – 10:20AM	Nico Carver Mastering the Blend <small>Photoshop, Selections/Masks, Demonstration, Deep Sky</small>	55 minutes
10:25AM – 10:30AM	Sponsor Video	5 minutes
10:30AM – 10:35AM	Sponsor Video	5 minutes
BREAK		
10:50AM – 10:55AM	Sponsor Video	5 minutes
11:00AM – 12:00PM	Dr. Phil Plait The Art of Science ...and Vice Versa <small>General Audience</small>	60 minutes
LUNCH		
1:00PM – 2:30PM	Kerry-Ann Lecky Hepburn Worldwide Adventures in Landscape Astrophotography <small>Earth-Sky, Photoshop, Lightroom</small>	90 minutes

Workshop A	Workshop B
Sean Walker Near Space: Imaging Solar System Objects <small>Planetary, RegiStax, AutoStakkert</small>	Trevor Jones The Evolution of a Backyard Astronomer <small>Equipment, Social Media, Life Journey</small>

BREAK		
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Saturday

BREAK

TIME	Main Venue	Length	Workshop A	Workshop B
3:00PM – 4:30PM	<p>Dr. Dirk Froebrich</p> <p>Hunting Outbursting Young Stars</p> <p>Citizen Science, General Audience 1</p>	90 min	<p>Wanda Conde-Silva</p> <p>Equipment and Imaging Solutions in Problematic Locations</p> <p>Narrow Band, Light Pollution, PixInsight 3</p>	

BREAK

5:00PM – 6:00PM	<p>DOOR PRIZES (You must be present to win....)</p> <p>General Audience 0</p>			
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6:30PM – 8:30PM Special Dinner- Exhibit Hall closed during dinner. Reopens at 7:30PM until 9:00PM

Sunday Breakdown

AIC “Bortle Scale” of Attendee Background Knowledge and Presentation Depth

- 1 No Background Knowledge Required
Presentation is Entertaining and Wide Ranging.
- 2 Familiarization with the Topic
Presentation Highlights an Area of Interest
- 3 Basic Understanding of Topics, Concepts and/or Software
Presentation Focuses on Concepts and Techniques often with Demonstrations
- 4 Solid Understanding of Topics and Underlying Background Information
Presentation has Narrow Focus often with Analytical Sophistication and Complexity
- 5 Solid Understanding of Topics with Additional Background Strengths in other areas
(Programming, Math, Optics, Mechanical Design...etc)
Presentation is Narrowly Focused and Can Highlight Emerging Techniques or Technology