Advanced Imaging Conference 2022 Agenda

Friday Workshops

TIME	WORKSHOP A	WORKSHOP B	WORKSHOP C	WORKSHOP D
8:00AM – 9:30AM	Nikita Misiura StarNet: Deep Learning Method for Removing Stars from Images Deep Sky, Processing Technique 2-3	Wanda Conde-Silva Equipment and Imaging Solutions in Problematic Locations Narrow Band, Light Pollution, PixInsight 3	Sean Walker Near Space: Imaging Solar System Objects Planetary, RegiStax, AutoStakkert 3	Kerry-Ann Lecky Hepburn Mastering Milky Way Processing Earth/Sky, Photoshop, Lightroom 2 -3
10:00AM – 11:30AM	John Hayes Secrets of Long Focal Length Imaging Wavefront Analysis, Optics, Optimization 4-5	Warren Keller Ride the Wave: Wavelets for Smoothing, Sharpening and so much MORE PixInsight, Deep Sky, Demonstration 3-4	Yuri Beletsky The Art and Science of Nightscape Photography Earth/Sky, Color, Tips/Tricks 2	Simon Tang Getting Started in Astrophotography Equipment, Pros/Cons 1
LUNCH				
1:30PM – 3:00PM	Russ Croman CMOS Imaging Color Fidelity in HDR Fix Image Train Flexure Sensors, PixInsight, Equipment 4	Adam Block Secrets of PixInsight WBPP, NSG, Etc , Demonstration 3-4	Nikita Misiura StarNet: Deep Learning Method for Removing Stars from Images Deep Sky, Processing Techniques 2-3	Kerry-Ann Lecky Hepburn Deep Sky Post Processing Of Difficult Data Photoshop, Lightroom, Demonstration 3-4
3:30PM – 5:00PM	Peter Jenkins Processing Narrowband Images Deep Sky, PixInsight, Photoshop, Demo 3 -4	John Hayes Secrets of Long Focal Length Imaging Wavefront Analysis, Optics, Optimization 4-5	Russ Croman CMOS Imaging Color Fidelity in HDR Fix Image Train Flexure Sensors, PixInsight, Equipment 4	Yuri Beletsky The Art and Science of Nightscape Photography Earth/Sky, Color, Tips/Tricks 2

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 General Audience 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 General Audience 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	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 Photoshop, Selections/Masks, Demonstration, Deep Sky 3	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 General Audience 1	60 minutes
LUNCH		
1:00PM – 2:30PM	Peter Jenkins Processing Narrowband Images Deep Sky, PixInsight, Photoshop, Demo 3 -4	90 minutes

Workshop A	Workshop B
Sean Walker Near Space: Imaging Solar System Objects Planetary, RegiStax, AutoStakkert 3	Trevor Jones The Evolution of a Backyard Astronomer Equipment, Social Media, Life Journey 1

BREAK

Saturday

BREAK				
TIME	**Main Venue**	**Length**	**Workshop A**	**Workshop B**
3:00PM – 4:30PM	Dr. Dirk Froebrich Hunting Outbursting Young Stars Citizen Science, General Audience 1	90 min	Wanda Conde-Silva Equipment and Imaging Solutions in Problematic Locations Narrow Band, Light Pollution, PixInsight 3	Simon Tang Getting Started in Astrophotography Equipment, Pros/Cons 1
BREAK				
5:00PM – 6:00PM	DOOR PRIZES (You must be present to win….) General Audience 0			
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