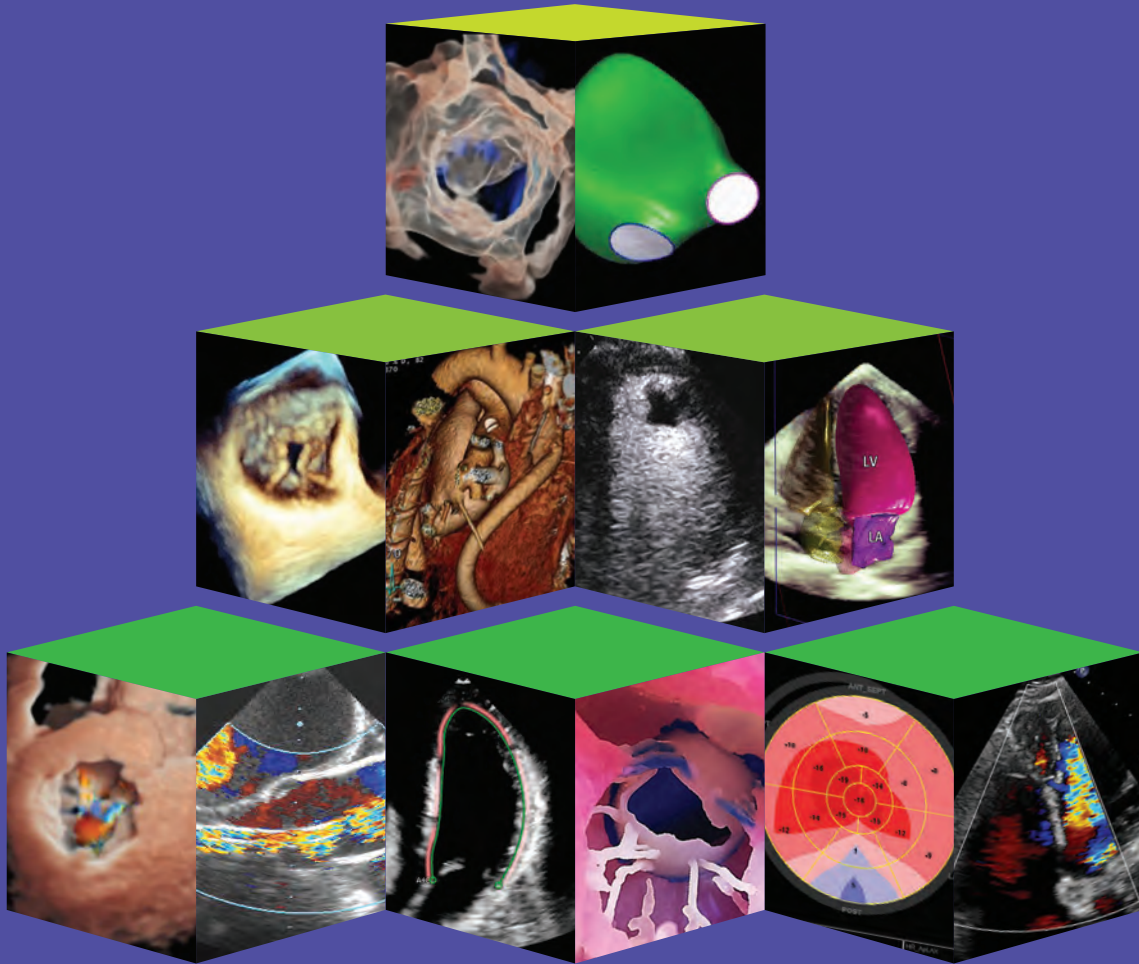


American Society of Echocardiography

# ASE 2023

Foundations and the Future  
of Cardiovascular Ultrasound



**June 23-26, 2023**

**Gaylord National Resort & Convention Center  
National Harbor, MD**

#ASE2023

[ASEScientificSessions.org](https://www.asescientificsessions.org)

**SCHEDULE AT A GLANCE**

# SCHEDULE AT A GLANCE



## FRIDAY, JUNE 23

All times are Eastern time.

REGISTRATION OPEN 12:00 PM - 5:30 PM								
1:00 – 2:30 PM	Cardio-Onc Building Blocks Bootcamp	Reaching the Values Summit with Legislative Luminary	Emerging Advances in Cardiac Imaging	Introduction to Interventional Imaging: Not Just about the Intervention	IAC Bootcamp: Foundations of Quality			
2:30 – 2:45 PM	REFRESHMENT BREAK							
2:45 – 4:00 PM	Heart Failure Across the Spectrum: From the Failing Heart to Post Transplant	Pediatric POCUS	Just Relax: Diastolic Dysfunction	Help I Need Somebody! TTE Diagnosis of Complications Following Structural Procedures	Peripheral Vascular Potpourri			
4:00 – 4:15 PM	REFRESHMENT BREAK							
4:15 – 5:30 PM	AI: Tips for Data Mining Echo Reports and EMR	Peds Council Business Mtg / Nomenclature Fest	HCM: What's New in Guidelines	Sonographer Council Business Meeting	Critical Care Council Business Meeting	Interventional Echo Council Business Meeting	Circulation and Vascular Council Business Meeting	COPE Council Business Meeting
6:00 – 9:30 PM	WELCOME RECEPTION AND COUNCIL NETWORKING – BOBBY MCKEY'S PIANO BAR							

### Accreditation and Designation

ASE is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.










ASE designates this live activity for a maximum of **29.75 AMA PRA Category 1 Credits™** (pending approval). In-person registration also includes unlimited access to the recordings from the six main track rooms for 90 days after the meeting concludes. Virtual registration includes up to **24.25 AMA PRA Category 1 Credits™** (pending approval) and unlimited access to the content that is live-streamed during the ASE 2023 Scientific Sessions. In addition to offering CME credits, this activity has been developed and registered with ACCME to provide MOC, MOC Part 2, and MOCA 2.0 credits in alignment with **AMA PRA Category 1 Credit™**.

Registering for this course will help you achieve all the CME you need to meet IAC CME requirements for echo lab physicians and sonographers.



## SATURDAY, JUNE 24

All times are Eastern time.

REGISTRATION OPEN 6:00 AM – 6:30 PM ~ ECHO EXPO OPEN 12:00 PM – 6:30 PM						
6:30 – 7:30 AM	ASE Cares Wellness Session					
7:00 – 7:50 AM		Case Studies: You Won't Believe What I Saw	 Pediatric and Congenital Heart Disease Cases & Abstract Session	 Case Studies: The Good, The Bad, and The Ugly	Abstracts	Case Studies: Echo to the Rescue
8:00 – 10:00 AM	 STATE OF ASE, 2023 AWARDS PRESENTATION, FASE RECOGNITION, AND 34 <sup>TH</sup> ANNUAL EDLER LECTURE					
10:00 – 10:45 AM	REFRESHMENT BREAK					
10:10 – 10:40 AM	CHALK TALK: The Champagne of Echo: Basics of Bubbles					
10:45 AM – 12:00 PM	 Emerging Techniques in Stress Echo	The Aortic Valve Rocks! Essentials of Aortic Stenosis	3D Echocardiography: Things You Should Do Daily, but Probably Do Not! <i>(ASE/EACVI Joint Session)</i>	 When Protein Goes Bad: The Constantly Evolving Landscape of Cardiac Amyloid	Much Ado about Aortic Valve Regurgitation	Echo Assessment for Transcatheter Intervention on Pulmonary Valves
12:00 – 1:30 PM	LUNCH BREAK – VISIT THE ECHO EXPO AND POSTERS ARENA IN THE ECHO EXPO: Heart Team in Action: Experts' Best Cases (12:15 – 1:15 PM)					
12:15 – 1:15 PM	SCIENCE AND TECHNOLOGY THEATER 1: LANTHEUS					
12:45 – 1:45 PM	SCIENCE AND TECHNOLOGY THEATER 2: JANSSEN					
1:30 – 2:45 PM	 Approach to Chest Pain in the Modern Era	Echogenomics	 Coming to Consensus in Mixed Valve Disease	Foundations of Multimodality Imaging: What Every Echocardiographer Should Know	Challenging Mitral Valve Cases with Experts	CardiOB: Pregnancy & the Myocardium
1:30 – 2:45 PM	ARENA IN THE ECHO EXPO – AI and the Workflow of the Echo Lab					
2:45 – 3:15 PM	REFRESHMENT BREAK – VISIT THE ECHO EXPO AND POSTERS					
3:15 – 4:30 PM	 Right Time for Right Ventricle	ShowCASE (3:00 – 4:30 PM)	Quality Improvement Collaborative	 The Tricuspid Regurgitation Primer: Tools for Imaging and Managing Tricuspid Valve Disease	Structural Heart for the Sonographer	The Value of POCUS in the Inpatient & Outpatient Setting
3:15 – 4:30 PM	ARENA IN THE ECHO EXPO – Great Debates in Circulation: Elect a Winner!					
4:30 – 6:30 PM	PRESIDENT'S RECEPTION ECHO EXPO					
4:45 – 5:45 PM	SCIENCE AND TECHNOLOGY THEATER 1: BRACCO DIAGNOSTICS INC.					
5:00 – 5:45 PM	ARENA IN THE ECHO EXPO – Everything You Need to Know About Aortic Stenosis					
5:15 – 6:15 PM	SCIENCE AND TECHNOLOGY THEATER 2: BRISTOL MYERS SQUIBB					

# SCHEDULE AT A GLANCE

## SUNDAY, JUNE 25

All times are Eastern time.

REGISTRATION OPEN 6:30 AM – 6:30 PM ~ ECHO EXPO OPEN 10:00 AM – 6:30 PM						
7:00 – 7:50 AM		Fetal Symposium (7:00 – 8:30 AM)	Classic Case Studies: Remember this One?	Abstracts	Cases: I Still Don't Believe It	Abstracts
8:00 – 8:45 AM	GARDIN LECTURE (KEYNOTE SPEAKER)					
8:50 – 10:05 AM	Engineering in the Echo Lab: Building the Future	The Architecture of Hypertrophic Cardiomyopathy	Non-Invasive Evaluation of Women's Heart Disease: Ischemia and Beyond	The Sonographer and the Mitral Valve: Blueprints for Success	Congenitally Corrected Transposition of the Great Arteries Untangled	Cutting Edge POCUS Training
10:05 – 10:45 AM	REFRESHMENT BREAK: VISIT THE ECHO EXPO AND POSTERS					
10:45 AM – 12:00 PM	The Cityscape of Pulmonary Embolism	Chambers and Goals Misalignment	Multimodality Imaging Saves the Day	Artificial Intelligence and Machine Learning	Heart Failure/Mechanical Circulatory Support: Putting in the Plumbing	Recent Advances in Interventional Echo <i>(ASE/EACVI Joint Session)</i>
10:30 – 11:45 AM	ARENA IN THE ECHO EXPO – Echo in the Wild: Case Studies From Outside the Echo Lab					
12:00 – 1:30 PM	LUNCH BREAK: VISIT THE ECHO EXPO ARENA IN THE ECHO EXPO – Moderated Posters					
12:15 – 1:15 PM	SCIENCE AND TECHNOLOGY THEATER 1: PHILIPS					
12:45 – 1:45 PM	SCIENCE AND TECHNOLOGY THEATER 2: PFIZER					
1:30 – 2:45 PM	Unique Issues to The Premature Infant	The Aorta: Seeing is Believing	The Unique Architecture of Cardiomyopathies	Brian Haluska Sonographer Research Award Competition	Intraoperative TEE to Guide Decision-Making and Improve Patient Outcomes	Advantages and Limitations of Cardiac POCUS: A CASE Series
1:30 – 2:45 PM	ARENA IN THE ECHO EXPO – Echo Heard Around the World					
2:45 – 3:15 PM	REFRESHMENT BREAK: VISIT THE ECHO EXPO AND POSTERS ARENA IN THE ECHO EXPO – Gaps and Future Directions in the Assessment of the Aorta (2:50 – 3:20 PM)					
3:15 – 4:30 PM	Multimodality Imaging Builders: Seeing the Structures in Structural Heart Interventions		Multimodality Imaging of Valvular Heart Diseases <i>(ASE/JSE Joint Session)</i>	Pediatric Jeopardy	Expect the Unexpected: Post MI Complications and Cardiogenic Shock	Women in Echo (Networking in the Echo Expo immediately following session.)
3:15 – 4:30 PM	ARENA IN THE ECHO EXPO – Best of Imaging Research					
4:30 – 6:30 PM	VISIT THE ECHO EXPO AND POSTERS ARENA IN THE ECHO EXPO – Practical and Reliable Echo Evaluation of Right Heart Function (4:45 – 5:30 PM)					
4:45 – 5:45 PM	SCIENCE AND TECHNOLOGY THEATER 1					
5:15 – 6:15 PM	SCIENCE AND TECHNOLOGY THEATER 2					
6:30 – 11:00 PM	ASE FOUNDATION RESEARCH AWARDS GALA <i>(Ticketed Event. Additional Fee Required)</i>					

## MONDAY, JUNE 26

All times are Eastern time.

REGISTRATION OPEN 6:30 AM – 4:30 PM ~ ECHO EXPO OPEN 10:00 AM – 2:00 PM						
7:00 – 7:50 AM		<b>LIVE STREAM</b> Foundational Congenital Teaching Cases	Foundational Adult Teaching Cases	<b>LIVE STREAM</b> Abstracts	Cases: Head Scratches	Abstracts
8:00 – 10:00 AM	<b>LIVE STREAM</b> ARTHUR E. WEYMAN YOUNG INVESTIGATOR'S AWARD COMPETITION AND 24 <sup>TH</sup> ANNUAL FEIGENBAUM LECTURE					
10:00 – 10:30 AM	REFRESHMENT BREAK: VISIT THE ECHO EXPO AND POSTERS ARENA IN THE ECHO EXPO – ABC on Imaging for TAVI Valve Sizing (10:00 – 10:45 AM)					
10:30 – 11:45 AM	<b>LIVE STREAM</b> Newer Structural Interventions Guided by Echocardiography	Decision-Making Challenges in Biventricular Repair	<b>LIVE STREAM</b> The Pyramid of Endocarditis Imaging in 2023	Tiny Bubbles	Aortic Aneurysmal Disease and Acute Aortic Syndromes	
11:45 AM – 1:15 PM	LUNCH BREAK: VISIT THE ECHO EXPO ARENA IN THE ECHO EXPO – Moderated Posters					
12:00 – 1:00 PM	SCIENCE AND TECHNOLOGY THEATER 1					
12:30 – 1:30 PM	SCIENCE AND TECHNOLOGY THEATER 2					
1:15 – 2:30 PM	<b>LIVE STREAM</b> Pathologic Conference with the <i>New England Journal of Medicine</i> (1:15 – 2:45 PM)	Multimodality Imaging: Variants of Tetralogy of Fallot through Lifespan	3D Imaging	Year In Review and Research Highlights	<b>LIVE STREAM</b> When Tumor is the Rumor, Tissue is the Issue	
2:30 – 3:00 PM	REFRESHMENT BREAK					
3:00 – 4:30 PM	<b>LIVE STREAM</b> Pericarditis And Pericardial Imaging	Advanced Intra-Procedural Guidance of Structural Heart Interventions	Coronary Anomalies: Imaging Challenges and Risk Stratification	<b>LIVE STREAM</b> Strain Imaging: From Basics To Beyond		Echo Lab Medical and Technical Director Forum

## HOUSING

ASE has secured a room block at the Gaylord National Resort & Convention Center for a discounted rate of \$279 USD per night (plus tax, based on single/double occupancy). An additional daily resort fee\* of \$27 per room per night (plus tax) will be added to your total bill. The discounted room rate cut-off date is June 2, 2023.

\*The resort fee includes high-speed internet access in guestrooms, two bottled waters replenished daily, access to fitness center & indoor pool, \$10 credit towards dry cleaning services, coupon book with a valued savings of over \$100, and National Harbor shuttle transportation to several locations throughout National Harbor.

Visit [ASEScientificSessions.org/Housing](https://ASEScientificSessions.org/Housing) for more information.





*The listings on this page are ticketed events with additional fees required. All times are Eastern time.*

## DIY ACQUISITION WORKSHOPS

**SCAN** – This option offers participants hands-on experience and the opportunity to master techniques directly on multiple ultrasound systems. Registration is limited to five (5) participants per workshop session. **Price: \$30.00**

**OBSERVE** – This option allows participants to hear and see the different techniques available on multiple ultrasound systems. Hands-on scanning is not available with this registration option. Registration is limited to 25 participants per workshop session. **Free to Observe**

**Learning Labs – \$125 each**

## SATURDAY, JUNE 24

9:00 – 9:50 AM	DIY ACQUISITION ROOM: Strain Echocardiography
9:30 – 11:30 AM	LEARNING LAB: 3D Cropping
10:00 – 10:50 AM	DIY ACQUISITION ROOM: Strain Echocardiography
12:30 – 2:30 PM	LEARNING LAB: 3D Cropping for Valve Interventions
1:00 – 1:50 PM	DIY ACQUISITION ROOM: 3D Echocardiography
2:00 – 2:50 PM	DIY ACQUISITION ROOM: 3D Echocardiography
3:00 – 5:00 PM	LEARNING LAB: Basic Myocardial Strain Imaging (LV, RV, LA)
4:00 – 4:50 PM	DIY ACQUISITION ROOM: Pediatrics

## SUNDAY, JUNE 25

9:00 – 9:50 AM	DIY ACQUISITION ROOM: Strain Echocardiography
9:00 – 11:00 AM	LEARNING LAB: Advanced Myocardial Strain Imaging (LV, RV, LA)
10:00 – 10:50 AM	DIY ACQUISITION ROOM: Strain Echocardiography
1:00 – 1:50 PM	DIY ACQUISITION ROOM: 3D Echocardiography
1:30 – 3:30 PM	LEARNING LAB: Dealing with Discrepant Data: Hands-on Hemodynamics
2:00 – 2:50 PM	DIY ACQUISITION ROOM: 3D Echocardiography
4:00 – 4:50 PM	DIY ACQUISITION ROOM: Adult Congenital Heart Disease

## MONDAY, JUNE 26

8:00 – 10:00 AM	LEARNING LAB: 3D Pediatric Echocardiography
9:00 – 9:50 AM	DIY ACQUISITION ROOM: Vascular
10:00 – 10:50 AM	DIY ACQUISITION ROOM: POCUS
10:30 AM – 12:00 PM	LEARNING LAB: Pediatric Strain Echocardiography

All times are Eastern time.

## SATURDAY, JUNE 24 CAREER DAY

**New this year**, ASE is offering a Career Day with free registration for sonographer students to attend. This special day allows students a unique opportunity to network with faculty and learn more about their chosen career. All registrants are welcome to attend any sessions on Saturday, but these additional sessions have been added to the schedule that may be of particular interest to students. We also encourage students who register to explore the Echo Expo and attend the President's Reception to wrap up their day with ASE.

10:45 – 11:15 AM	Guideline Review: Cardiac Point of Care Ultrasound (POCUS) in Children	
10:45 AM – 12:00 PM	How to Build My CV	
11:00 AM – 12:00 PM	Clinical Ultrasound Fellowships TED Talk	
11:30 AM – 12:30 PM	Educator Summit - Creating an ACS Program: What You Need to Know	
1:30 – 2:00 PM	Guideline Review: Echocardiography in Evaluation of Rheumatic Heart Disease	
1:30 – 2:45 PM	Guidelines and Consensus: Learn from the Experts	Building the Workforce: Sonographers and Echocardiographers
3:15 – 4:30 PM	Sonographer Career Pathways: Welcome to My TED Talk	Leadership Academy Application: What Do I Need to Do to Be a Good Candidate?

## SUNDAY, JUNE 25

8:50 – 10:05 AM	Building ASE Cares
9:00 – 9:30 AM	Guideline Review: Recommendations for Performance of the Fetal Echocardiogram
10:45 – 11:15 AM	Guideline Review: Competency for Interventional/Structural Heart Disease Echo Guidance
11:30 AM – 12:00 PM	Guideline Review: Management with Patients with Ventricular
1:30 – 2:45 PM	Mixing Multimodality Imaging into Your Practice: Unmet Needs, Challenges, and Promises
3:15 – 4:15 PM	Equity, Diversity, Inclusion, and Echo
3:15 – 4:30 PM	Where Should I Image My Patient with ACHD: Adult or Peds Lab?

## SUNDAY, JUNE 25 READ WITH ME SESSIONS

9:00 – 9:30 AM	University of Washington
9:45 – 10:15 AM	University of California - San Francisco
10:45 – 11:15 AM	Northwestern
11:30 AM – 12:00 PM	University of Alabama
1:15 – 1:45 PM	Australia
2:00 – 2:30 PM	Singapore
2:45 – 3:15 PM	Duke Pediatrics
3:30 – 4:00 PM	University of Chicago

# REGISTRATION

Register for the ASE 34<sup>th</sup> Annual Scientific Sessions by visiting [ASEScientificSessions.org](https://ASEScientificSessions.org).

ASE 2023 Scientific Sessions will be held at the Gaylord National Resort and Convention Center, located at 201 Waterfront Street, National Harbor, Maryland USA, 20745.

## ASE 2023 REGISTRATION RATES

If you are an ASE member and have not renewed your membership for 2023, renew today so you can register at the member rate and SAVE.

**ASE 2023 In-Person:** Registration includes a maximum of 29.75 CME/MOC points (pending approval), Welcome and President's Receptions, breakfast, and coffee breaks. In-person registrants receive unlimited access to recordings (audio and PowerPoint only) from six main track rooms for 90 days from Tuesday, July 11, 2023, to Monday, October 9, 2023. Attendees may claim CME credits for attending sessions in-person.

**ASE 2023 Virtual:** Registration includes access to the live streaming of specific sessions and a maximum of 24.25 CME/MOC points (pending approval). Virtual registrants will receive unlimited access to recordings (audio and PowerPoint only) from the live-streamed sessions for 90 days from Tuesday, July 11, 2023, to Monday, October 9, 2023. Virtual attendees may claim CME credits for watching either the live-streamed or recorded sessions.

You will receive a small discount if you purchase the ASE 2023 Conference Online Library as a bundle with registration. The Library is \$199 for ASE members and \$250 for nonmembers when not bundled with a registration. The price will increase after the conference to \$299 for ASE members and \$399 for nonmembers. The Library includes unlimited online access, for three (3) years, to the 2023 Scientific Sessions, including live audio, screen capture with animation, mouse pointer, and embedded video.

ASE 2023 IN-PERSON REGISTRATION								
Category	ASE Member* Through May 23	ASE Member* Bundle with Online Library Through May 23	ASE Member* Through June 22	ASE Member* Bundle with Online Library Through June 22	Nonmember* Through May 23	Nonmember* Bundle with Online Library Through May 23	Nonmember* Through June 22	Nonmember* Bundle with Online Library Through June 22
Physician/ Scientist	\$999	\$1,179	\$1,099	\$1,279	\$1,385	\$1,630	\$1,485	\$1,730
Sonographer/ Allied Health/ Veterinarian	\$625	\$805	\$725	\$905	\$885	\$1,130	\$985	\$1,230
Fellow in Training	\$380	\$560	\$480	\$660	\$535	\$780	\$635	\$880
Abstract Presenter**	\$335	\$515	\$435	\$615	\$560	\$805	\$660	\$905
Special Registrations	Rates Through May 23	Bundle with Online Library Through May 23	Rates Through June 22	Bundle with Online Library Through June 22				
Student Sonographer/ Allied Health	\$360	\$540	\$460	\$640				
One Day Rate	\$260	no bundle	\$360	no bundle				
Corporate/ Industry/Other	\$1,390	\$1,570	\$1,490	\$1,670				

ASE 2023 VIRTUAL REGISTRATION								
Category	ASE Member Through May 23	ASE Member Bundle with Online Library Through May 23	ASE Member Through June 22	ASE Member Bundle with Online Library Through June 22	Nonmember Through May 23	Nonmember Bundle with Online Library Through May 23	Nonmember Through June 22	Nonmember Bundle with Online Library Through June 22
Virtual Registration	\$300	\$480	\$400	\$580	\$500	\$745	\$600	\$845

\* On-site registration is available, but beginning June 23, 2023, all fees will increase by an additional \$125.

**\*\*IMPORTANT NOTE FOR ABSTRACT PRESENTERS:** If you are submitting an abstract for ASE 2023 and wish to receive the discounted rate for abstract presenters, please do not register prior to receiving acceptance notification on March 27, 2023. No refunds will be given for registrations made prior to notification. If you will be serving as faculty at the Scientific Sessions, please do not register as there will be a separate process.

ACTIVE OR RETIRED U.S. MILITARY (In-Person and Virtual Registrations): ASE honors all active and veteran military attendees! If you have served in the U.S. military and would like to participate in the ASE Scientific Sessions, please email [Registrar@ASEcho.org](mailto:Registrar@ASEcho.org) to receive a discount code for the registration fee. Please include a copy of your active or retired military ID or DD214 form and omit any personal information from the submitted document, such as your social security number.