Register now:
Early bird deadline
is June 30

ASPE TechSymposium2025

JOIN US IN ORLANDO!

The 2025 ASPE Tech Symposium is a premier opportunity for plumbing engineers and designers at all career levels to engage in productive technical exchanges and networking, learn new skills, earn CEUs, make new contacts, and enhance your career opportunities.



September 24–28
Rosen Centre Hotel
Orlando, Florida

Planning Guide aspe.org/2025-aspe-tech-symposium

TECHNICAL EDUCATION PROGRAM

The 2025 ASPE Tech Symposium features technical education sessions designed for plumbing industry professionals at all career levels. Each 90-minute session offers 0.15 CEUs, giving you an opportunity to earn up to 1.2 CEUs that can be used for your license and certification continuing education requirements. *Session dates, times, and topics are subject to change.*

Time	Codes and Standards/ Water Quality Room: Salon 20-21	System Design Room: Salon 13-14	Sustainability/ Construction Discussion Room: Salon 15-16	Healthcare/Specialty Design Room: Salon 11-12	Fire Protection & More Room: Salon 17-18
Friday, September 26					
1:30 – 3:00 p.m.	Navigating Oil Interceptor Standards	Basics of Backflow, Pressure-Reducing Valves, and Automatic Control Valves	How to Harness Long-Range Networking for Water Conservation and Flood Prevention in Multi-Tenant Buildings	Building a Medical Gas Specification, Part 1	Design Approaches for High-Rise Fire Protection Standpipes
3:15 – 4:45 p.m.	ASSE 12025: Construction Risk Assessment Professional Qualification Standard	Pressure-Reducing Valve Fundamentals: Sizing, Selection, and Application	Broader Impact of Effective Water Management: Infrastructure, Sustainability, and Waterborne Pathogen Reduction Benefits	Building a Medical Gas Specification, Part 2	Sprinkler Protection for Parking Structures
Saturday, September 27					
9:00 – 10:30 a.m.	What Engineers Need to Know About the Upcoming Water Quality and Liability Wave	Hot Water Recirculation: Strategies Around the Country	The Connected Water Platform: Manage Risk, Increase Efficiency, and Maximize Sustainability	The Sterile Processing Department: Tackling the Toughest Area of a Hospital	Fire Pump Layout for Contract Documents
10:45 a.m. – 12:15 p.m.	Latest Developments to the 2027 Uniform Plumbing Code (UPC)	Navigating the Future of Commercial Water Heating: Key Insights on DOE 2026 Updates, Efficiency, Venting, and Retrofit Design	DHW Thermostatic Balancing Using Distributed Pumping	Bringing Medical Gas System Design into the 21st Century	Bluebeam: Maximizing Productivity with Advanced Concepts
2:00 – 3:30 p.m.	The Engineer and Code Official Relationship: Common Plumbing Plan Review and Code Violations for Plumbing Systems	The Devil Is in the Details: Common Pitfalls When Specifying Commercial Boilers and Water Heaters	Designing Onsite Water Reuse Systems: From Regulations to Reality	MedGas 101	Challenges and Benefits of BIM Implementation by Plumbing Designers
3:45 – 5:15 p.m.	Regulating Our Industry: The Role and Importance of Model Codes, Product Standards, and Third-Party Listings	Rainwater Harvesting System Design and Configuration	Selecting the Best Pressure Pipe Materials for Commercial Plumbing Systems	Medical Gas Pipeline: What Happens After the Source Valve?	When It Rains, It Pours–Rainwater Systems Design
Sunday, September 28					
8:45 – 10:15 a.m.	Comparison of UPC, IPC, and NSPC Combination Waste and Vent Systems	Domestic Water Pumps: Enhancing Station Sizing Understanding, Identifying Critical Design Parameters, and Practical Insights from the Field	Design of Polymer Laboratory/BioPharm Process Water Piping Systems	Vacuum System Design: The Basics	Essential Strategies for Maintaining Your Drain, Waste, and Vent System
10:30 a.m. – noon	Comparison of Supplemental Disinfection Methods and What Designers Can Do Now to Reduce Legionella During Construction	Alternative Softener Technologies: Physical Water Conditioners	Hydronic, Hot Water Thermal, and Potable Water Booster Tank Applications	Engineering Considerations in Promoting Occupant Comfort and Sustainability in Heat Pump Water Heating	Tepid Water: ANSI Z358.1 Compliance and Safety System Considerations

PRODUCT SHOW SPONSOR EXHIBITORS

The ASPE Tech Symposium Product Show is a unique chance for you to get one-on-one face time with the industry's top manufacturers, providing an excellent opportunity to get your product questions answered by the experts and possibly even influence future product designs. All of our Sponsors will be exhibiting, so please join us to learn all about their latest innovations.

Platinum

CHARLOTTE PIPE AND FOUNDRY COMPANY

Gold

Bradford White Water Heaters · Canature WaterGroup Commercial/Industrial Engineering Division · IPEX by aliaxis · Liberty Pumps · McWane Plumbing Group · MIFAB · Mueller Streamline Co. · Navien · NIBCO · Victaulic

Silver

Armstrong · BlazeMaster Fire Protection Systems · Corzan Material & Piping Solutions · CSA Group · Jomar Valve · Morris Group International · Niagara · OmegaFlex · Park USA A Northwest Pipe Company · Preferred Utilities MFG Corporation · RWC · uponor · WCC · Zoeller

Bronze

aliaxis integrated piping systems · Apollo Valves · aircom · Armstrong · AutoHot · Caleffi Hydronic Solutions · CircuitSolver · evac · FlowGuard Gold · +GF+ · GV Globalvac & Air · Ideal Tridon Group · LiquiTech · MOEN · MrPEX Systems · Mudskipper · NAC NewAge Casting · Norma Group · Oatey · PI Peak Industries · PPI Plastics Pipe Institute · PPP · Reliable · Sioux Chief · Spears · T&S Reliability Built In · Taco · Tigerflow · Towle Whitney · unipipe · Vacuum Barrier Corporation VBC · viega · Watertronics · Willoughby · Zurn

AYP LEADERSHIP ACADEMY

Sponsored by: PEAK INDUSTRIES

Join ASPE Young Professionals on September 25 for a day of networking and leadership development training. The workshop will include a dynamic presentation interwoven with opportunities for table discussions, breakouts, exercises, and application.

You will learn:

- How to push beyond lazy stereotypes to understand generational and age differences as a valuable form of diversity
- The barriers that often prevent organizations (and individuals) from intergenerational collaboration
- The 4 key practices of Gentelligence and ways to apply them to workplace challenges
- How to have smarter intergenerational conversations

Pre-registration is required. Breakfast and lunch are included. Limited to 50 registrants 35 years old or younger.



RESERVE YOUR ROOM

ASPE has secured a special rate of $189 (ROH-single/double) for our attendees at the Rosen Centre Hotel, located on International Drive in the hub of world-class entertainment, restaurants, and attractions. To secure the discounted rate, be sure to make your reservation by **September 1, 2025**.

SCHEDULE AT A GLANCE

Wednesday, September 24	
8 a.m. – 5 p.m.	Board of Directors Meeting
Thursday, September 25	
8 a.m. – noon	Board of Directors Meeting
8:00 a.m. – 3:00 p.m.	AYP Leadership Academy
1:00 – 7:00 p.m.	Registration
2:00 – 3:00 p.m.	Total Dynamic Head
4:00 – 8:00 p.m.	Product Show
Friday, September 26	
7:00 a.m. – 3:00 p.m.	Registration
8:00 – 9:00 a.m.	Breakfast
8:30 – 9:30 a.m.	Committee Meetings
9:45 a.m. – 1:15 p.m.	Product Show/Lunch
1:30 – 4:45 p.m.	Technical Education Program
Saturday, September 27	
7:00 a.m. – 3:00 p.m.	Registration
7:00 – 9:00 a.m.	Breakfast
7:30 – 8:45 a.m.	Committee Meetings
9:00 a.m. – 12:15 p.m.	Technical Education Program
12:15 – 1:45 p.m.	Lunch Awards Ceremony
2:00 – 5:15 p.m.	Technical Education Program
Sunday, September 28	
7:00 – 8:30 a.m.	Breakfast
7:00 – 10:30 a.m.	Registration
8:45 a.m. – noon	Technical Education Program