



SOUTH FLORIDA NEWS

Chapter Announcements

- ◆ Our next meeting will be held on Thursday, April 14th, 2022 from 6:00 PM to 8:00 PM. This month's topic is "Commercial Water Reclamation Systems & Applications". This topic will address the many items to consider when designing a system. It will look at the potential sources of water and its use, as well as the reasons to reclaim and the sanitation pitfalls and risks...and how to avoid them. Please [register](#) here for more information.
- ◆ We are asking all members to save these dates:
 - Thursday, June 9th, 2022—Tabletop Expo & Bowling Tournament
 - Friday, November 4th, 2022—2nd Annual Clay Shooting Tournament

ASPE Pipeline

Keep up to date with everything ASPE on the [ASPE Pipeline](#).

About ASPE

The American Society of Plumbing Engineers (ASPE) is the international organization for professionals skilled in the design, specification and inspection of plumbing systems. ASPE is dedicated to the advancement of the science of plumbing engineering, to the professional growth and advancement of its members and the health, welfare and safety of the public.

The Society disseminates technical data and information, sponsors activities that facilitate interaction with fellow professionals, and, through research and education, expands the base of knowledge of the plumbing engineering industry. ASPE members are leaders in innovative plumbing design, effective materials and energy use, and the application of advanced techniques throughout the world.



The SOUTH FLORIDA NEWS is a publication of the Miami Chapter of the American Society of Plumbing Engineers. The Society or Chapter assumes no responsibility for any advertisements, statements by any officer or member which may be construed as an approval or disapproval, or official position of the Society, of the material contained herein. Local Chapters are not authorized to speak for the Society.



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ASPE Connect

ASPE Connect: One of the Best Things ASPE Has Done in Years

- Since the launch of ASPE Connect—the hottest online community for plumbing industry professionals—thousands of plumbing engineers and designers from around the world have benefited from its shared knowledge and expertise on a daily basis. In our Open Forum, you can get quick answers and advice from numerous experts, often within minutes. ASPE Connect is free for ASPE members and we also offer a 30-day trial for nonmembers, so what





Coming to the
2022 ASPE Convention & Expo
This September

Get Geared Up for ASPE Racing at Indy

We are pleased to announce that the Eastern Michigan Chapter will be hosting ASPE Racing at Indy during the 2022 ASPE Convention & Expo, and all Chapters are invited to participate.

WHAT IS ASPE RACING AT INDY?

ASPE Racing at Indy is similar to a pinewood derby event of Scouts BSA. It will be a timed race in which each car will race four times once in each lane of the four-lane track, thus eliminating any lane advantage. The four race times will be totaled and averaged through a computerized timing system to provide an official race time for each car that will be used in determining awards and prizes. [Eastern Michigan Chapter](#) members will serve as the pit crew for the event, and the Chapter's VPL, William Grayzar, CPD, GPD, will serve as the Master of Ceremonies.

OFFICIAL RACE CAR KIT AND SPECIFICATIONS

A car kit will be supplied to each Chapter free of charge by the Eastern Michigan Chapter. The car kits will be the same as those used in the Scouts BSA program.

Racecars are to be constructed within the following parameters. (Also see the instructions included with your official car kit.)

CAR #: You will be provided with an official car number that must appear in some fashion on the top and/or side(s) of your race car.

WEIGHT: 5 ounces maximum (but can be lighter)—minimum weight of 4 ounces is suggested.

LENGTH: 7 inches maximum (but can be shorter).

WIDTH: 2¾ inches maximum, and 1¼ inches minimum between the front wheels and the same between the rear wheels; otherwise, your car will not fit over the track guide rail.

CLEARANCE: 3/8 inches minimum from the bottom of the car to the track (rail) top; otherwise, your car will not clear the track guide rail.

WHEELS: You must use the wheels supplied with your official car kit (or similar BSA official racing wheels available at your local scouting shop).

AXLES: Axles do not necessarily have to be placed in the pre-drilled slots, but the axles (nails) supplied in your car kit **MUST** be utilized.

- >> No bearings, moving, or loose parts are allowed ANYWHERE on or in the car.
- >> The car shall not ride on any kind or type of spring.
- >> Graphite (or dry lubricant) may be added to the wheels until the car is registered and weighed in, but not after. No liquid or oil-based lubricants will be allowed as they can ruin the racing surface.
- >> Magnets are not allowed anywhere on the car as they may interfere with the timing system.

REGISTRATION AND WEIGH IN

1. All cars must be registered and weighed in to be eligible to participate in the event. Members of the Eastern Michigan Chapter will weigh in and collect and impound the racecars during check-in and registration at the ASPE Convention & Expo.
2. If a car is not in compliance with the specifications outlined above, it will be disqualified and will not be eligible to receive awards and prizes. However, at the discretion of the race official, the car may still be allowed to race.
3. If you can't be present for the registration and weigh in period at the Convention & Expo but still wish to participate, please contact the Eastern Michigan Chapter to make arrangements to register and weigh in your car.
4. Cars will be collected and impounded (retained) by the race staff until completion of the event, at which time they will be returned to the participants.

QUESTIONS?

Contact Bill Grayzar at bill@dsdonline.com. The Eastern Michigan Chapter looks forward to racing with you at Indy in September!



Indianapolis // September 16-21



Presidents Report



Spring has Sprung!

This is the best time of the year to be living in Florida...the temperature is great, humidity is low, and the snowbirds are leaving.

With that being said, our chapter is bringing you top quality topics at our monthly meetings to help you learn more about new products and ideas within the plumbing industry. We are excited about having

technical meetings that offer new and innovative topics that will help you in your career. So we invite all of our chapter members to attend our monthly meeting...if you are a member of the South Florida chapter there is no charge for you to attend.

I would like to remind everyone that we will be holding our 2nd Annual Bowling Tournament and Trade Show on June 10th. Please go to our web site for additional information. Last year, we had over 40 attendees and everyone had a great time. Hoping to see many of you there.

In September, the ASPE Convention and Technical Expo will be held in Indianapolis from September 16th to 21st. We are hoping that many of you will be in attendance. Since Indianapolis is the home for the Indy 500, ASPE is having a car race competition between the chapters. This will be very similar to the Pinewood Derby that many of us participated in as Boy Scouts. Each chapter can enter one car into this event. There is additional information on Page 2 of this newsletter about the competition and the rules. If anyone would like to work on the design of our car, please contact me at president@aspemiami.com.

Once again, I want to invite all of you that have not attended a meeting in the past year to come out and be part of the new emergence of our chapter...come out and see what you have been missing.

South Florida Chapter Board

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president@aspemiami.com

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Elvira Pita-Mejia
Spirit Group
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woaliasion@aspemiami.com

AYP Liaison:

OPEN



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BOWLING NIGHT



Thursday, June 9, 2022

TOURNAMENT AND TRADE SHOW

Check-In begins @ 5:30 PM • Tournament Starts @ 6:00 PM

Sponsorship Opportunities include:

PERFECT GAME SPONSOR: \$500

- One Table for the Product Show
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CLEAN GAME SPONSOR: \$350

- One 5-Person Team
- Company Logo on Event Marketing

GAME SPONSOR: \$100

- Company Logo on Event Marketing

ENTRY FEE: \$75 per Person | Team Discount Rate: \$300

- All tabletop information will be sent out prior to the event.
- All proceeds from this event will benefit the ASPE South Florida Chapter.
- Reservations will be confirmed by receipt of registration and sponsorship form.
- All payments must be received no later than Friday, June 3, 2022.
- Receipt of payment is required for registration and/or inclusion in the signage.

Bowlero – Dania Beach | 1841 Way Pointe Place | Dania Beach, FL | (954) 374-1935

CONTACT NAME:		PLAYER NAMES:	
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City/State/Zip:		2)	
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		5)	
Fax No:		Player Cost	\$
Make Check to:	ASPE-Miami	Sponsorship Cost	\$
Send Form & Checks to:	4900 SW 74th Ct. Miami, FL 33155	TOTAL ENCLOSED	\$

NOTE: Payments can be made on our web site at <https://aspemiami.com/meetinginfo.php>



Technical News

Elvira Pita-Mejia — Chapter VP-Technical

"The capacity to learn is a gift; the ability to learn is skill; the willingness to learn is a choice." — Brian Herbert

The ASPE South Florida Chapter continues its technical programs to ensure all of our members stay up to date on all the latest innovations and technologies in the plumbing industry. Our March, 2022 meeting was a well-attended one thanks to our sponsor and speaker David Dears. David is the Engineering Business Development Manager with Victaulic. His presentation focused on innovative solutions for the control and management of commercial potable water systems, specifically as it relates to potable water supply and pressure control in building systems. Did you know that the use of factory assembled pressure reducing valve (PRV) stations can save you time and money on your projects? The cost of factory assembled PRV's outweighs the significant labor and time required to assemble PRV stations on site.

April 14, 2022, ASPE South Florida Chapter – April, 2022 Technical Meeting

This month the ASPE South Florida Chapter is meeting at the City of Ft. Lauderdale - Building Department (700 N.W. 19th Ave. Ft. Lauderdale, FL 33311) from 6:00pm-8:00pm. Our Speaker this month is Andrew Paulsen. Andrew is the National Sales Manager for Water Control Corporation. The topic will cover Commercial Water Reclamation Systems & Applications. The seminar will address the many items to consider when designing a system. It will look at the potential sources of water and it's use. As well as the reasons to reclaim and the sanitation pitfalls...the risks, and how to avoid them! Registration is easy! Please use this link: [ASPE Miami Chapter - Home Page](#)

April 11-22, 2022 The 2022 Certified in Plumbing Design (CPD) Exam TIME IS RUNNING OUT!

If you are interested in taking the CPD exam please make sure to register now. The 2022 Certified in Plumbing Design (CPD) exam will be held via remote proctor on April 11–22, and registration is now open for eligible candidates. To determine if you are eligible to sit for this year's exam, please visit aspe.org/education-credentialing/cpd/exam.

June 9, 2022 – ASPE TABLETOP AND BOWLING TOURNAMENT

Calling all bowlers! In a couple of month the ASPE South Florida Chapter will be holding its 2nd annual tabletop and bowling tournament. We would love to have you all join us. For more information, follow the link below:
<https://aspemiami.com/meetinginfo.php?id=36&ts=1647457888>

(Continued on Page 7)

Technical News

Elvira Pita-Mejia — Chapter VP-Technical

(Continued from Page 6)

September 16-21, 2022 The 2022 ASPE Convention & Expo – SAVE THE DATE

The biennial ASPE Convention & Expo is the only event designed to enhance the professional development, technical education, and career growth of plumbing system design professionals, combining professional development sessions with the largest plumbing product tradeshow in the country. The 2022 ASPE Convention & Expo will be held September 16–21 at the Indiana Convention Center in Indianapolis, and registration will open in the spring. To be notified when registration opens, visit expo.aspe.org.

“Stay in the know” Don’t forget to follow us on “LinkedIn”!

We are regularly providing information on our chapter and upcoming events.

[\(5\) ASPE South Florida Chapter: Overview | LinkedIn](#)

Stay well,
Elvira Pita-Mejia





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Membership Corner

David Erickson — Chapter VP-Membership



Greetings Members,

It looks as though we are trending to warm and sunny days, I am looking forward to more and more events that I can socialize with my ASPE brothers and sisters.

We continue to add new members to our South Florida chapter, we had over 3 new people join our last meeting and an additional inquiry who reached out to a board members. We have contacted the attendees and inquiry with information on how to sign up, if you have someone that is considering joining, send them my way and I will personally help them out with the process.

Please join me in welcoming our newest members.

Mr. Frederick Schilling,
Mr. Rob Nehls,

Mr. Emilio Sorondo,
Mr. John Pistorino PE,

I have not received a new ASPE National Membership Report yet, but I believe we are still remaining in the 4-place position for our region. Please keep talking about ASPE membership to your associates at work, with your help we will continue to grow and become a vital chapter for our region.

Thank you for reading and have a great day,

David Erickson
VP Membership ASPE SFL Chapter
C# 561-597-0994
david.erickson@viega.us



2020-2021 Chapter Meeting Dates

DATE	TOPIC	LOCATION
Thursday, September 9, 2021	Understanding Energy Compliance Reports Presenter: Timothy G. de Carion. Chief Energy Code Compliance Officer for the Broward Co. Board of Rules and Appeals	Virtual
Thursday, October 14, 2021	History and Overview of Cast Iron Presenter: BJ Schrader – McWayne Plumbing Group	Virtual
Thursday, November 11, 2021	Smart Water Management for Improving Safety and Efficiency in Premise Plumbing Presenter: Edwin Gonzalez - George Fischer	TBD
Thursday, December 9, 2021	Holiday Happy Hour	Tommy Bahama 150 N. Pointe Dr. Dania Beach, FL 33004
Thursday, January 13, 2022	Drinking Fountains & Bottle Fillers In A Post Covid-19 World Presenter: Brian O’Keefe—Oasis	Plumbing Contractors Association 7204 SW 48th Street Miami, FL 33155
Thursday, February 10, 2022	Pre-manufactured Commercial Plumbing Systems Presenter: Daniel Rourke - Right Way Plumbing	Right Way Plumbing - Training Facility 1329 Shotgun Rd. Sunrise, FL 33326
Thursday, March 10, 2022	Pressure-Reducing Valves/Systems for Domestic Water Presenter: David Dears - Victaulic	Fairfield Inn & Suites - Delray Beach I-95 910 West Atlantic Ave. Delray Beach, FL
Thursday, April 14, 2022	Commercial Water Reclamation Systems & Applications Presenter: Andrew Paulsen—Water Control Corp.	City of Ft. Lauderdale – Building Department 700 NW 19 th Ave. Ft. Lauderdale, FL
Thursday, May 12, 2022	Boiler Safety Presenter: Christopher May - National Sales Director American Gas Safety LLC	Harry Warren -Pompano Office 2215 NW 30th Place, Pompano Beach, FL
Thursday, June 9, 2022	2nd Annual Tabletop Show and Bowling Tournament	Bowlero Dania Beach 1841 Way Point Pl. Dania Beach, FL



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McWanePlumbingTechServices.com/contact

Legislative News

Enrique (Henry) Salvador—VP-Legislative



I would like to welcome everyone back to our Monthly Newsletter. As we approach the end of March and the beginning of Spring I can say that this year is moving quicker than ever. Work has been busy and plans continue to be taken in every day. I think that construction is back at its peak since the slowdown in 2020. With that being said, Tallahassee has also been very busy. We are looking at 5 House Bills that have passed the Senate and the House and are enrolled as of 3-7-22. These Bills are waiting to be signed by the Governor.

The bill that I would like to mention is Senate Bill 856. Since the early 2000 when the Florida Senate added Section 791 to Chapter 553 and called it Alternative plan review and inspection, only a few changes have been made. The original Bill meant that the Florida Building Code and Technical amendments to the Florida Building Code could be reviewed and inspected by the Private Provider, with the exception of the applicable minimum fire prevention code and fire safety code pursuant to chapter 633. This has allowed Engineers licensed under 471, Architects licensed under 481 or a person who holds a standard certificate under part XII of Chapter 468 to perform Plan Review and Inspections of such code.

Senate Bill 856 has been added to allow the plan review and inspections for onsite sewage treatment and disposal systems amending s. 381.0065, F S authorizing private provider inspections of onsite sewage treatment and disposal systems under certain conditions. This Authorizes the Department of Environmental Protection to audit the performance of a specified percentage of such inspections, providing audit conditions and construction are met. The Bill does allow a master septic tank contractor registered under part III of Chapter 489, a professional engineer licensed under 471 that has passed all parts of the onsite Sewage Treatment and Disposal system Accelerated Certification Training, or working under the supervision of a licensed professional engineer.

So this seems to be an expansion of what Engineering Private Providers can review and inspect with the proper credentials. I can see how this will expand into other parts of the government inspections and enforcement in the future.

Sincerely,
Henry Salvador



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Affiliate Report

Scott Smith—Affiliate Liaison

The ASPE South Florida Chapter invites all engineers, architects, manufacturers, manufacturer representatives, wholesalers, and contractors to join our chapter. We are all in this together and by being on the same page, everything runs much smoother. We learn something new every day. Join us and be a part of it. ASPE disseminates technical information, industry updates, and other news through a variety of publications and media:

- ⇒ [ASPE Pipeline](#): The only news site dedicated exclusively to ASPE, our members, and the plumbing engineering industry
- ⇒ [Plumbing Engineering Design Handbooks](#): The foundation of ASPE's publishing program, this four-volume set contains technical details on plumbing system design and installation practices. Each year an updated version of one volume is published after undergoing an intensive review and revision process.
- ⇒ [Press releases](https://www.aspe.org/publications-news/press-releases/) (<https://www.aspe.org/publications-news/press-releases/>)

At our [Bookstore](https://www.aspe.org/education-credentialing/bookstore/) (<https://www.aspe.org/education-credentialing/bookstore/>) you can find our top-selling design handbooks, including:

- *Engineered Plumbing Design*
- *Domestic Water Heating Design Manual*
- *Advanced Plumbing Technology*
- *Fire Protection Systems*
- *Pumps & Pump Systems*
- *CPD Review Manual*

Mark your calendar for the ASPE South Florida Bowling Tournament on June 9th, 2022 at Bowlero, 841 Way Pointe Place, Dania Beach. Check-in starts at 5:30pm.





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What Is ASPE Connect?

ASPE's newest member benefit! ASPE Connect is an online community where ASPE members can find answers to design questions, build relationships, share successes, brainstorm ideas, and get career advice. You can access ASPE Connect 24/7 from any computer or mobile device.

ASPE CONNECT BY THE NUMBERS



WAYS TO LEVERAGE ASPE CONNECT

1. Get answers to your most pressing questions
2. Build relationships with fellow professionals
3. Offer your advice and knowledge to other members

MOST POPULAR DISCUSSIONS

ASPE members are actively talking about:

- High-rise domestic hot water design
- Grease interceptor sizing
- Revit use for engineers
- Flow in sewer lines
- Medical gas sizing
- CPVC piping



HOW TO GET STARTED

- STEP 1** ➤ Go to connect.aspe.org
- STEP 2** ➤ Click the blue "Sign In" button
- STEP 3** ➤ Select "Confirm your email" and enter your email
- STEP 4** ➤ After receiving the email, set your password and log in to the community
- STEP 5** ➤ Fill out your profile
- STEP 6** ➤ Go to the Open Forum and start connecting!

Women of ASPE

Elvira Pita-Mejia — WOA Liaison



The WOA South Florida Chapter is looking to put together a women's team to join us at the upcoming 2022 Tabletop and Bowling Tournament on Thursday, June 9, 2022. We would love to have all eligible women in the industry join us. For more information please contact us at:

woaliaison@aspemiamichapter.com

This organization is open to women who have an active membership with the American Society of Plumbing Engineers. For more information you can contact me at woaliaison@aspemiamichapter.com or check out our website - <https://www.aspe.org/membership-global-community/membership/special-interest-groups/women-of-aspe/>

Sincerely,
Elvira Pita-Mejia



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To join WOA, email rrodriguez@aspe.org
For more information, visit aspe.org





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Education Update

Kyle Stottlemeyer—Education Chairman



Here we are, already in April. This year is flying by. Hope everyone is Healthy and busy! Please remember to look out for upcoming events. Hope you enjoy this article, I found it very interesting. Since we are entering our beautiful, but extremely hot summer months, I thought this was a good reminder

The dangers of heat

Preparing for and handling working in heat and humidity can provide protection from potentially deadly conditions. Your body is designed to cool itself and normally does a good job. But if you're exposed to extreme heat for too long, sweat a lot and don't re-hydrate, your cooling system may fail. A heat-related illness can start slowly — you may not even realize it's happening — but it can quickly get worse if it's not treated. While anyone spending time in high temperatures is susceptible to a heat-related illness, some conditions can make you more likely to develop a heat-related injury, including:

- High levels of humidity;
- Obesity;
- Fever;
- Dehydration;
- Prescription drug use;
- Heart disease;
- Poor circulation;
- Sunburn; and
- Alcohol use.

Know the warning signs

Major warning signs of heat-related illness include muscle cramps, nausea or vomiting, weakness, headache, dizziness and confusion. If you notice any of those symptoms, you might have one of the following:

- **Heat cramps:** Just like they sound, these charley horses can be an indicator of a heat-related illness;
- **Heat exhaustion:** Symptoms include increased body temperature, clammy skin, fatigue, nausea, headache, low blood pressure and faintness. Untreated, it can lead to heatstroke; and
- **Heatstroke:** This condition is life-threatening and can cause brain damage, organ failure or death. Body temperature goes over 104° F. The victim may stop sweating even though his/her skin may be hot, and he/she could also become confused or irritable. Medical attention is critical.

Avoiding the dangers

Not everyone reacts to excess heat exposure the same way. If you work in hot conditions, familiarize yourself with the related risks and preventive measures to help protect yourself. Practicing basic precautions can help make working in hot weather more bearable and less dangerous.

(Continued on Page 19)

Education Update

Kyle Stottlemeyer—Education Chairman

(Continued from Page 18)

You should be aware of the following:

- Don't overdo it. Pace yourself when working in the heat;
- Hydrate with plenty of water or sports drinks, but no alcohol or caffeine;
- Dress appropriately — light-colored, lightweight, loose fitting clothing, including a wide-brimmed hat, if possible;
- Stay out of the midday sun if you can. Do the harder work during the cooler parts of the day;
- Wear sunscreen. A sunburn makes it harder for your body to cool itself; and
- Keep an eye on co-workers. You might notice symptoms before they do.

If you or a co-worker experience symptoms of heat-related illness, stop work immediately, get out of the sun and notify a supervisor or seek medical attention. A bright day could quickly turn dark if you don't recognize the risks of working in the heat.

Going forward, if anyone would like to share any hot topics that might be informational to our viewers, please feel free to drop me an email with your topic @ kylestottlemeyer@gmail.com. Thank you for taking time out to read this month's article.





HARRY WARREN, INC.

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AYP Report

We are looking for a person to become our ASPE Young Professional (AYP) liaison.

If you are under the age of 35 and interested in representing our chapter, please contact Vince Scriboni at president@aspemiami.com

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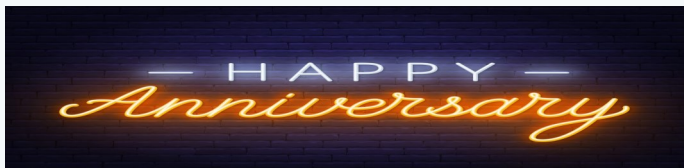
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John T. Boyer Sr., P.E., CPD	37 Years
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Igor F. Gonzalez P.E.	17 Years
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(Galv and Black), Teelox



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UPDATED 05/21

Schedule of Events

June 2022	
3 rd - 5 th	ASPE Region 3 Chapter Presidents Meeting – New Orleans, LA
9 th	Chapter Tabletop & Bowling Tournament
22 nd – 25 th	ASPE Global Leadership Meeting – Chicago, IL
September 2022	
22 nd to October 2 nd	ASPE Convention & Expo - Indianapolis, IN
November 2022	
4 th	2 nd Annual South Florida Chapter Clay Shooting Tournament
September 2023	
26 th to October 2 nd	ASPE Symposium – Bellevue, WA
September 2024	
18 th – 23 rd	ASPE Convention & Expo – Columbus, OH
September 2025	
TBD	ASPE Symposium – TBD





Chapter Sponsorship Program

Platinum Level – Contribution: \$1,500 (\$2,200 value)

- * Your company will be included in all ASPE advertisements for the entire year, Including web site banner.
- * Full page advertisement in the Miami Chapter newsletter for a full year.
- * A complimentary full page insert in the Miami Chapter newsletter – once per year.
- * Two (2) pre-paid ASPE Memberships for one-year.
- * Two (2) tables for the display of products at the Bowling Tournament & Product Show
- * Two (2) 5-person teams in the Bowling Tournament

Gold Level – Contribution: \$1,300 (\$1,600 value)

- * Your company will be included in all ASPE advertisements for the entire year, Including web site banner.
- * Full page advertisement in the Miami Chapter newsletter for a full year.
- * One (1) pre-paid ASPE Memberships for one-year.
- * One (1) tables for the display of products at the Bowling Tournament & Product Show
- * One (1) 5-person team in the Bowling Tournament

Silver Level – Contribution: \$800 (\$1,000 value)

- * Your company will be included in all ASPE advertisements for the entire year.
- * Full page advertisement in the Miami Chapter newsletter for a full year.
- * One (1) tables for the display of products at the Bowling Tournament & Product Show
- * One (1) 5-person team in the Bowling Tournament

Bronze Level – Contribution: \$500 (\$600 value)

- * Your company will be included in all ASPE advertisements for the entire year.
- * One-Half (1/2) page advertisement in the Miami Chapter newsletter for a full year.

For additional information go to <https://aspemiami.com/Sponsorship>