

SOUTH FLORIDA NEWS

Chapter Announcements

- ◆ Registration for the ASPE South Florida Bowling Tournament & Trade Show is now **CLOSED**.
- ◆ Congratulations to our Chapter President, Vince Scriboni for being named the recipient of the **2021 Region 3 Directors Award** for his outstanding contributions to our chapter.
- ◆ The 2021 ASPE Tech Symposium is being held September 22-26 in San Diego, Ca. Please refer to <https://www.aspe.org/2021-tech-symposium/> for more information.
- ◆ In 2023, the chapter will be celebrating our 50th Anniversary. We are asking for anyone who would be interested in being involved with the Anniversary Planning Committee to contact me.

ASPE Pipeline

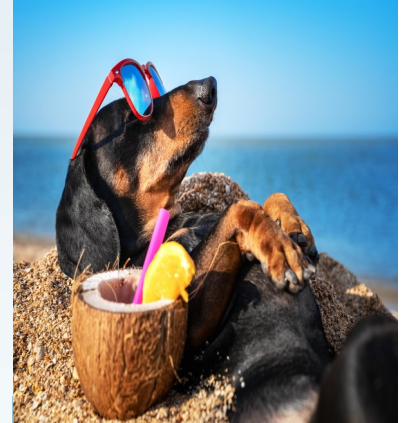
Keep up to date with everything ASPE on the [ASPE Pipeline](#).

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



Presidents Report



WOW...What a Year.

"When everything seems to be against you, remember an airplane takes off against the wind not with it" ~ Henry Ford

In November 2019, I received a call from, then ASPE Chapter President, Feroz Bhamani asking if I would be willing to help the chapter get speakers for the meetings and build new interest in the chapter. I have known Feroz for many years and it was easy to say yes. There were many issues that needed to be addressed if the chapter was to survive.

For many years, Feroz, Tom Ford and others kept the chapter alive, but it was becoming more difficult each year. After meeting with Feroz and Tom they agreed to trying some new and innovative ideas to help the chapter grow...the first was to start having meetings in other locations to bring more of the members out to the meetings. We were able to line up some great speakers and things were moving in the right direction...till March 2020 and the COVID-19 pandemic.

The good thing was that we had already started recruiting our Chapter Officers and that helped set things in the right direction for the new year. Keep in mind that since June 2020, when we were under multiple restrictions for meetings and personal contact due to the pandemic, the chapter was able to accomplish the following:

- We introduced our monthly newsletter
- Launched a new chapter web site
- Established a Chapter Sponsorship Program
- Earned the 2019-20 ASPE Chapter of Merit Award.
- Increased our membership by 20%
- Ran monthly meetings via Zoom
- Working with FIU to establish a ASPE Student Chapter
- Changed the chapter name to the ASPE South Florida Chapter
- Increased our treasury by over 700%
- On June 10th , the 1st Annual Bowling Tournament will be held.

I am proud to say that our chapter is moving in the right direction. Yes, it was one heck of a year.



Vince Scriboni

South Florida Chapter Board

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2020-2021 Chapter Meeting Dates

DATE	TOPIC	LOCATION
Thursday, September 10, 2020	Oil Water Separators. Presented by: Highland Tank	Virtual
Thursday, October 8, 2020	High Rise Plumbing Design Presented by: David DeBord FASPE, CPD, GPD, LEED BD+C, ARCSA®AP	Virtual
Thursday, November 12, 2020	Domestic Hot Water Recirculation Systems Presented by: Tom Ruggerio– ThermOmegaTech.	Virtual
Thursday, December 10, 2020	Water Quality/Pathogen Risk Reduction by Design Presented by: Jorge Megias - Viega	Virtual
Thursday, January 14, 2021	Stainless Steel in Sanitary Design Applications Presented By: Brian Gillespie—Zurn Industries	Virtual
February, 2021	Rethink Water Heating Presented By: Tom Schroder—Emax	Virtual
Tuesday March 16, 2021	Joint Meeting with All Florida ASPE Chapters. See Page 3 for Additional Information	Virtual
Thursday, April 8, 2021	Choosing the Technology of Medical Air and Medical Vacuum Presented by: Shannon McAfee- Pattons Medical	Virtual
Thursday, May 13, 2021	Achieving Sanitation and Safety with the Latest Plumbing Innovations Presented by: Jon Huddle - Zurn Industries	Virtual
Thursday, June 10, 2021	Bowling Tournament	

Legislative News

Luis Crespo, Sr.—Chapter VP-Legislative



Welcome back to the monthly ASPE South Florida Chapter Newsletter for June. The summer is here, and the hurricane season just started, so let's get ready for the Hot and Stormy Weather. Please stay hydrated and stocked with supplies.

So in speaking of Hot and Water, this week's topic will be on water heater efficacy and the new code change in the 2020 FBC Energy Code. As the residential code refers to any water-heating equipment installed in residential units shall meet the minimum efficiencies of Table C404.2 in Chapter 4 of the Florida Building Code, Energy Conservation, Commercial Provisions. Therefore, we will focus on the CE as part of a combination system that shall satisfy all stated requirements for the appropriate water-heating category.

In 2012, U.S. Congress passed the "American Energy Manufacturing Technical Corrections Act." The Act required the Department of Energy (DOE) to either revise the Energy Factor (EF) efficiency metric or create a new metric that:

- Covers more home-installed water heaters
- Does not increase the stringency of NAECA-3 efficiency standards

DOE opted to use the mandate to develop a new efficiency metric, Uniform Energy Factor (UEF), and test procedure manufacturers must follow.

Like the EF standard it replaces, UEF is a measure of how efficiently an appliance uses energy. The efficiency shall be verified through data furnished by the equipment manufacturer or through certification under an approved certification program. An energy factor (EF), uniform energy factor (UEF), and thermal efficiency (Et) are minimum requirements. In the EF and UEF equations, V is the rated volume in gallons.

An equation that goes by the UEF and what is the Difference Between High Efficiency (EF) Ratings vs the New Uniform Energy Factor (UEF)? How Will UEF Affect Us? You may notice new numbers associated with the water heaters you're considering. The water heaters themselves haven't changed, but the way we calculate the ratings and other facts and figures associated with them is different.

In fact, UEF provides a more consistent and accurate way to measure energy efficiency performance in water heaters across all national brands.

(Continued on Page 6)

Legislative News (Continued)

Ever researched water heaters before a purchase, then you've probably compared high efficiency, mid-efficiency, and standard efficiency information. To help consumers in their water heater purchase decisions, the Department of Energy has developed new industry standards.

Due to inconsistent, unreliable interpretations of High Efficiency (EF) ratings across national brands, all water heating manufacturers are now required to comply with the new DOE testing procedures and rating standards.

Examples of Performance Factors Impacted by UEF include:

First Hour Rating / First Hour Delivery (FHR/FHD0, FHR, sometimes referred to as First-Hour Delivery (FHD), is the amount of hot water a water heater can provide in the first hour of operation. Updated testing procedures result in a more accurate representation of performance.

The capacity previously was expressed as a single number that didn't fully represent the actual storage capacity of the water heater. With the UEF regulations, the DOE now requires manufacturers to inform buyers of both water heaters' nominal capacity by gallon grouping (40, 50, 60 gallon, etc.) and the actual storage capacity (35, 37, 42, 58 gallons).

Estimated Energy Cost Savings was updated with testing procedures that enable a more accurate approximation of what it will cost to run a particular water heater.

Now the Draw Patterns comes into the equation; hot water draw patterns are a record of the timing and volume of the flowing water from the water heater. There is a significant variation in hot water heaters and draw patterns among households. But, again, the legislation put changes on the fast track.

As a result, the new Federal Method of Test (MOT) includes major changes to a procedure essentially unchanged for over 25 years:

- Categorized by output capacity into one of four groups: For water heater types, storage or tankless; Very Small 10 gallons, Low usage 38 gallons, Medium 55 gallons, or High Usage 84 gallons, each with a unique draw pattern.
- The four draw patterns applied are distributed, more realistic, unlike the current MOT.
- Products included that were not previously given an "Energy Factor (EF)" were exempt from Energy Star, including hybrid and light commercial products.

(Continued on Page 7)

Legislative News (Continued)

Currently, the draw pattern was 64 gallons a day the new goes down to 55 gallons a day. That is because of the heater being more efficient and people not using as much hot water. The average recovery time for a gas tank water heater will take about an hour to recover, while an electric water heater will take about two hours.

So if you have a high recovery water heater, which usually has a larger tank, it will heat the water in much less time, on average about 20 minutes. However, most draw patterns are used on the medium 55 gallons, where an average is a family of three or four will use a medium draw pattern, and a low would be a family of two.

Please see these links for more information as most of this information is retracted from them.

- <https://www.aceee.org/sites/default/files/pdf/conferences/hwf/2015/6B-Glanville.pdf>
- <https://www.rheem.com/understanding-energy-efficiency-in-water-heaters/>

That wraps up this subject. I look forward to seeing many of you on Thursday, June 10th at the Bowling Tournament and Trade Show.

Thank you for taking the time to read, and please share.

If you have LinkedIn, please like us there.

Luis. A. Crespo

Education News

Elvira Pita-Mejia — Chapter Education Chairperson



"The purpose of learning is growth. And our minds, unlike our bodies can continue growing as we continue to live." -Mortimer Adler

As we prepare for the last meeting of our 2020-21 ASPE South Florida Chapter Year, we want to thank all the technical speakers that participated in our monthly technical meetings. These monthly meetings not only offer a wealth of information that applies to our plumbing profession but it also provides an opportunity for our members to gain CEU credits.

But just because we are taking a short summer break, does not mean there aren't plenty of opportunities available for continued education. Check out the ASPE education page where you will find many resources such as On-demand Webinars. <https://education.aspe.org/>

June 10, 2021 ASPE Bowling Tournament and Tabletop Show

Are you up for a night of bowling and networking with fellow ASPE members, manufacturers, and folks in the industry? The evening of Thursday, June 10, 2021 the South Florida ASPE Chapter will be hosting a bowling tournament and tabletop show at AMF Boynton Beach Lanes and we would love for you to join us. Please email me for more details and to get you signed up!
vpeducation@aspemiami.com

ASPE Tech Symposium 2021:

Make sure to register! The 2021 ASPE Tech Symposium is being held (in person) between September 22-26 in San Diego, Ca. The Tech Symposium is two and one-half days of nonstop technical education for plumbing industry professionals. The symposium includes a variety of educational sessions and tabletop product show. Please refer to ASPE.org / 2021-tech symposium for more information. <https://www.aspe.org/2021-tech-symposium/>

Don't forget to follow us on "LinkedIn"! We are regularly providing information on our chapter and upcoming events at [\(5\) ASPE South Florida Chapter: Overview | LinkedIn](#)

Stay well,
Elvira Pita-Mejia



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McWanePlumbingTechServices.com/contact

Membership Corner

Allan Prinsloo — Chapter VP-Membership



Ending off the first half of the year, the world celebrated International Nurses Day and World Hand Hygiene Day in May 2021 – a fitting recognition to a long road travelled on the fight against the COVID-19 pandemic. As we officially enter the second half of 2021, it is great to see some form of normalcy returning to our every day lives as we start to venture out and reconnect in-person with clients, colleagues, friends, and family members.

As to be expected, activity within the ASPE South Florida chapter continues to buzz as we connect with members (old and new) on Membership & Technical Meetings, as we consistently grow our membership numbers month-on-month. The month of June also welcomes our highly anticipated Bowling Tournament at AMF Boynton Beach Lanes on Thursday, 10 June 2021. We're expecting a great turnout and encourage you to share this event details with your network.

On the theme of connecting and reconnecting, this introduces our next key member benefit – “Meeting Potential Clients/Members”:

“Building a Good Customer Experience Does Not Happen by Accident. It Happens by Design” ~ Clare Muscutt

MEMBER BENEFIT TIP #4 - MEET POTENTIAL CLIENTS/MEMBERS.

If you are an Affiliate member, in sales, who steps up and takes on a membership role, you are in a unique position to promote ASPE and your company. Your leadership role is a valuable way to place yourself in front of prospective clients and members. Talk to your Chapter Board of Directors and see what you can do to promote yourself and ASPE.

New Members

We would like to extend a warm welcome to our newest ASPE members Nayara Castillo and Alfredo Hernandez .

As our ASPE South Florida chapter continues to grow, please share this with your colleagues and peers. Joining ASPE is a quick and simple process – click <https://www.aspe.org/membership-global-community/join/>.

Until our next newsletter, stay safe and hope to see you on our ASPE networking platforms soon!

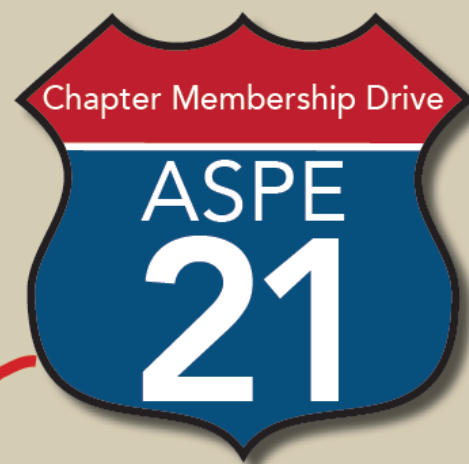
THE ROAD TO SAN DIEGO CHAPTER MEMBERSHIP DRIVE

MARCH 1 - JULY 31, 2021

ASPE CHAPTERS:

Do you want to increase your membership AND help one of your members go to the [2021 ASPE Tech Symposium](#) in San Diego? You can—by participating in the Road to San Diego Chapter Membership Drive!

It's easy to participate and earn points because it's all conducted online via ASPE Connect. All you need to do is encourage nonmembers to sign up for the [free 30-day ASPE Connect trial](#) and encourage Chapter members to participate in discussions in the [ASPE Open Forum](#).



YOUR CHAPTER WILL EARN POINTS FOR:

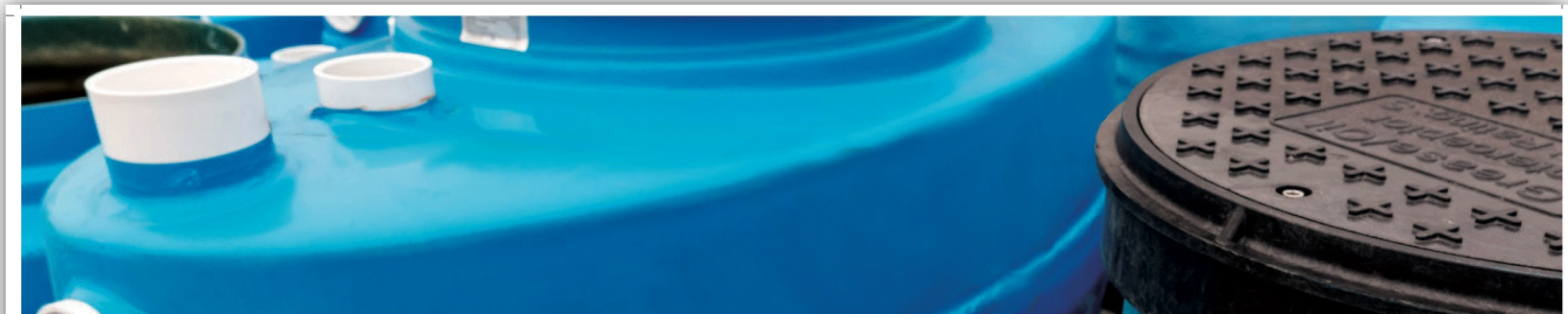
1. A nonmember signing up for the [Connect free trial](#): 3 points
2. A nonmember who signed up for the [Connect free trial](#) signing up for ASPE membership: 10 points
3. Number of Chapter members participating on the [Open Forum](#) (as a percentage of Chapter membership): 1 point

Points will be totaled at the end of every month from March through July. In early August, the Chapter with the most points will be awarded a full [2021 Tech Symposium](#) registration and a hotel room for the length of the event (September 22–26) to raffle off to a lucky Chapter member.*

HOW TO CROSS THE FINISH LINE IN FIRST PLACE

- Direct nonmembers to the ad at the top of [ASPE Connect](#) to sign up for the free trial. Tell them to include your Chapter's name or a Chapter member's name in the "Referred by" line on the signup form.
- Make sure Chapter members know that the [Open Forum](#) is the perfect place to ask design questions.
- Encourage Chapter members to chime in on the lively discussions happening in the [Open Forum](#).
- Use your monthly meetings as the perfect place to remind participants of this membership drive.
- Put the Road to San Diego membership drive marketing materials in your newsletter and on your website.

GOOD LUCK!



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Affiliate Report

Scott Smith—Affiliate Liaison

The ASPE South Florida chapter is active folks. We have grown over 15% since September 2020 and there is no end in sight.

Thursday June 10th at 5:30 pm we are having our Trade Show and Bowling Tournament at the AMF Boynton Beach Lanes on Boynton Beach Blvd. Sponsors will have their products on tables to present to the ASPE members and will be glad to answer any technical questions you might have.

For the manufacturers out there reading this article thinking to themselves ***“How can I participate in this growing chapter?”*** Its super easy...just go to [ASPE Miami Chapter - Home Page](#) and sign up or contact me for more details at affiliateliaison@aspemiami.com.

To make things much easier for everyone we have our Chapter Sponsorship Program. There are multiple levels available, but you can get the biggest bang for your buck with the Platinum Level, which includes the following:

- * ***Your company will be included in ALL ASPE advertisements for a 12-month period beginning from the date you commit.***
- * ***Full page advertisement in the South Florida Chapter newsletter for a 12-month period.***
- * ***A complimentary full page insert in the South Florida Chapter newsletter – once per 12-month period.***
- * ***Two (2) pre-paid ASPE Memberships for one-year. (Chapter VP-Membership will contact you with the information)***
- * ***Two (2) tables for the display of products at the Bowling Tournament & Product Show***
- * ***Two (2) 4-person teams in the Bowling Tournament***
- * ***Two (2) complimentary tickets for each of the Chapter Technical Meetings.***

The important thing to remember is you have a target market with ASPE members...Engineers want to know what's out there.

For many manufacturers, it's about getting your product in front of the engineering community. We help you do that. It's a win/win for everyone.

Thanks,

Scott Smith

Women of ASPE

Elvira Pita-Mejia — WOA Liaison



The Women of ASPE continue to meet on a monthly basis and plan for student mentorship, community outreach and upcoming WOA events. We encourage you to follow us on our social media pages

<https://www.facebook.com/groups/203299903473073>

We continue to invite all women in the industry to join our group. 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



AYP Report

Matthew Cocking — AYP Liaison



As graduation ceremonies occur at universities far and wide, I'd like to take this opportunity to welcome a new cohort of engineering professionals into the workforce.

Every May, a stream of new professionals' trickles into engineering offices, some as interns, some as new hires - eyes bright, dreams still intact, ambitions boundless. While most engineering grads opt to work in the sexier realms of the engineering world of tech giants and startups of every stripe, here's a shout out and a special thanks to the young professionals who opt to focus their energies on building and maintaining America's infrastructure.

Your friends who write code for industry titans probably think you're crazy to work alongside architects and construction managers. The indoor cats among your friend group may even scoff at the idea of you donning full PPE and venturing out into the field to *gasp* take your own measurements for a drawing you're tasked with producing.

But to all those brave, young souls who venture out into the field, unflinching and unintimidated by the realities of Plumbing Engineering, here's to you. Welcome.

Welcome to the fraternity of individuals who help to make our world the marvelous place that it is.

Welcome to the world of unsung heroes who don't wear capes and can't expect much in the way of fanfare, thanks or praise.

Welcome to the company of men and women who have dedicated careers to making certain that everything just works.

You see, if a Plumbing Engineer does his or her job well, no one will know they exist, but if they do their jobs poorly, everyone will know. To all the new graduates making their way into our humble corner of the engineering world, welcome; we are glad to have you and I am honored to count you among us.

Sincerely,

Matthew Cocking

Exclusive AYP Sponsor



Hey Young! Professionals!

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AYP is dedicated to the needs of plumbing designers 35 years old and younger. Your local ASPE Chapter is busy organizing exciting opportunities to help you excel in your career:

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- Mentoring programs
- And more!



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Gasketed SDR35 Fittings, Gasketed SDR26 Heavy Wall Fittings, DR18 CIOO Non-Pressure Sewer Fittings, C-900 Gasketed Blue Brute Pressure Fittings, Solvent Weld SDR35 Fittings	Laundry Trays, Mop Basins, Shower Floors & Walls, Tubs, and Accessories	Water Coolers, Drinking Fountains	Keeney, Cherne, Hercules, Oatey, Dearborn, Harvey, Quick Drain
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ITEMS STOCKED IN SPIRIT GROUP WAREHOUSE
UPDATED 06/21

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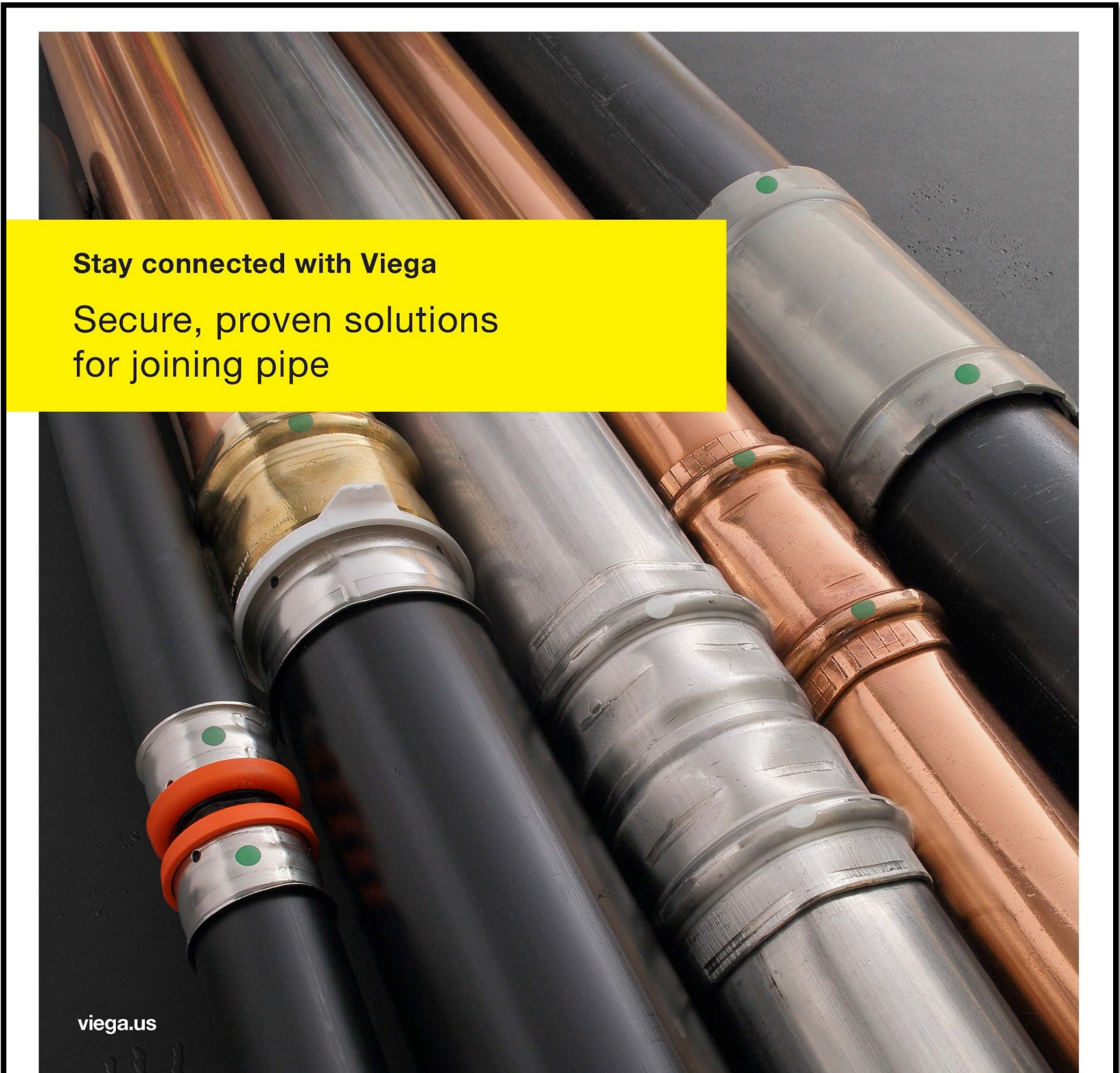
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ASPE

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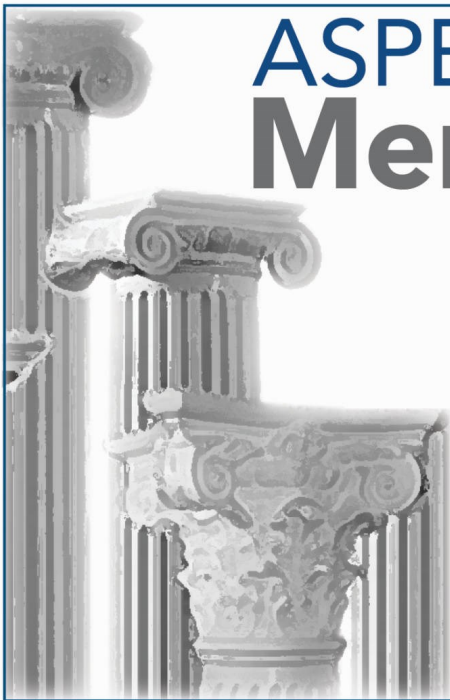
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Schedule of Events

June 2021

5 th	ASPE Chapter Presidents Meeting
11 th	Miami Chapter Bowling Tournament & Tabletop AMF Boynton Beach Lanes, Boynton Beach

September 2021

21 st – 25 th	ASPE Symposium – San Diego, CA
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October 2021

11 th – 21 st	Certified Plumbing Design Technician (CPDT) Test
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September 2022

22 nd to October 2 nd	ASPE Convention & Expo Indianapolis, IN
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September 2023

26 th to October 2 nd	ASPE Symposium – Bellevue, WA
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2024

	ASPE Convention & Expo - TBD
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September 22-26 // San Diego, CA



2020 – 2021 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) 4-person teams in the Bowling Tournament
- * Two (2) complimentary tickets for each of the Chapter Technical Meetings.
- * Ability to commit up to three (3) additional years at \$1,500, with full payment at time of agreement.

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) 4-person team in the Bowling Tournament
- * Two (2) complimentary tickets for each of the Chapter Technical Meetings.
- * Ability to commit up to one (1) additional years at \$1,300, with full payment at time of agreement.

Silver Level – Contribution: \$800 (\$1,000 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.
- * One (1) tables for the display of products at the Bowling Tournament & Product Show
- * One (1) 4-person team in the Bowling Tournament
- * One (1) complimentary ticket for each of the Chapter Technical Meetings.

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.
- * One (1) complimentary ticket for each of the Chapter Technical Meetings.

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