

Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



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## OCTOBER 2021

**TOPIC: GAS SAFETY CONTROL IN SCIENCE LABS**

**PRESENTER: CHRIS MAY - AMERICAN GAS VALVE**

**WHEN: WED., OCT. 13th  
11:45 am - 1:30 pm**

**WHERE: VIA ZOOM MEETING @**

<https://moseleyarch.zoom.us/j/95282350445>

(highlight web address then right click & select Go To...)

# GREETINGS FROM THE PRESIDENT

## President's Message

*This month marks just over a year since we began our virtual meetings and while it's been an odd transition it has come with some advantages. One of the main advantages to providing virtual meetings is that members outside of our immediate area and chapter are able to attend meetings and not only see what other chapters are doing, but also participate in gaining CEUs from our chapter. Our CEUs for chapter meetings continue to be uploaded and sent to national where they take the list and information and provide a digital CEU certificate directly to that members ASPE account. So, while you may not directly receive a certificate, there should be CEU credit and a digital certificate available through the ASPE website after logging into your account.*

*Please also see the information for the AYP Event listed further down in this newsletter. If you know of a young professional in, or interested in, the plumbing engineering profession this is a great opportunity for them to network and gain more information.*

*I hope to see everyone on the virtual meeting this Wednesday the 13th. As always, if you have any questions or concerns, please do not hesitate to reach out to me or anyone on the board.*



**JOSHUA H. LANDIS, CPD  
PRESIDENT, ASPE RICHMOND CHAPTER**

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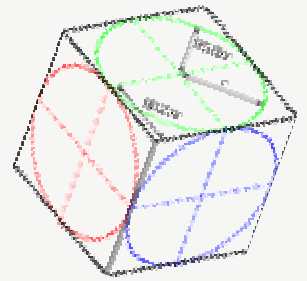
### Education Committee Chairperson

Tina M. Capece – Mason & Hanger  
tina.capece@masonandhanger.com

### ASPE Young Professionals Chapter Liaison

Eric Geisendaffer - Bay Associates  
eric@bayassociates.com

# TECHNICAL SCHEDULE



## Presentation Lineup

(VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)

- **November 10**
  - **The Logical Choice**
    - **CISPI**
- **December 8**
  - **Grey Water Systems**
    - **Intewa**
- **January 12**
  - **Water Coolers & Drinking Fountains Moving Forward**
    - **Oasis**
- **February 9**
  - **Water Control Systems**
    - **Kemper**
- **March 9**
  - **Smart Water Management**
    - **George Fischer**
- **April 13**
  - **Digital Mixing Stations**
    - **Armstrong**

# VP MEMBERSHIP - ROB GRUBBS

It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.



*WELCOME!*

**We are happy to welcome the following new members:**

- **BRANDON PATRICK TANNER**
- **JAMES TAYLOR - NIBCO**

**LET'S CELEBRATE!**



## **BIRTHDAYS**

Cydney Johnstone	10/5
Wes Bonafe'	10/6
Ira Leary	10/9
William Mills	10/9

## **ANNIVERSARIES**

Aaron Eastwood	10/2/2014
Chris Tanner	10/6/2015
Timothy Lawton	10/22/2018



# **ASPE AYP Fall Event**



**ASPE Richmond is hosting an ASPE AYP members happy hour/ meetup. Feel free to join us at TopGolf on October 21st from 5:30-7:30. We will have multiple bays if you wish to play, there will be food and drinks as well. The event is limited to 12 people so please RSVP as soon as possible to ensure your spot.**

**RSVP to  
Eric@BayAssociates.com**



## Hubbell WATER HEATERS

### High Volume Tepid Water Delivery System

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Eric Geisendaffer

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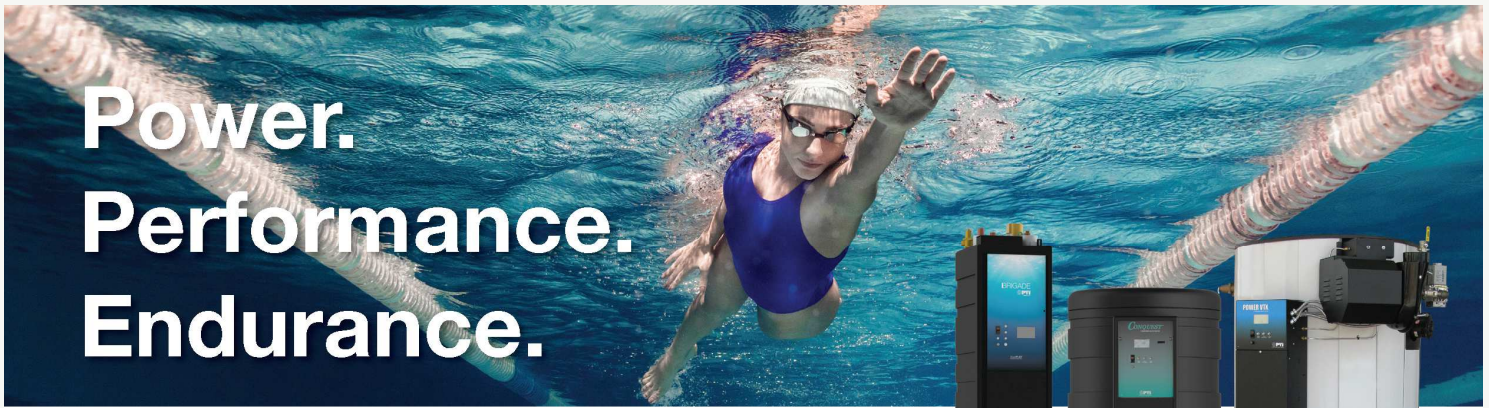


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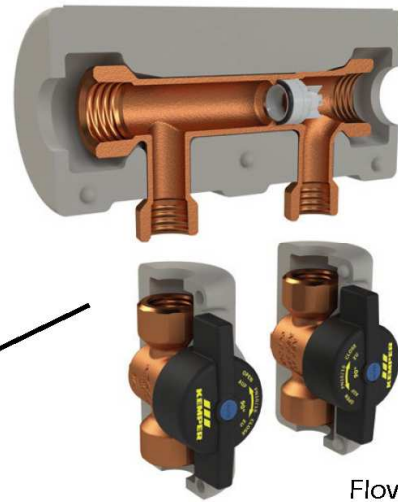
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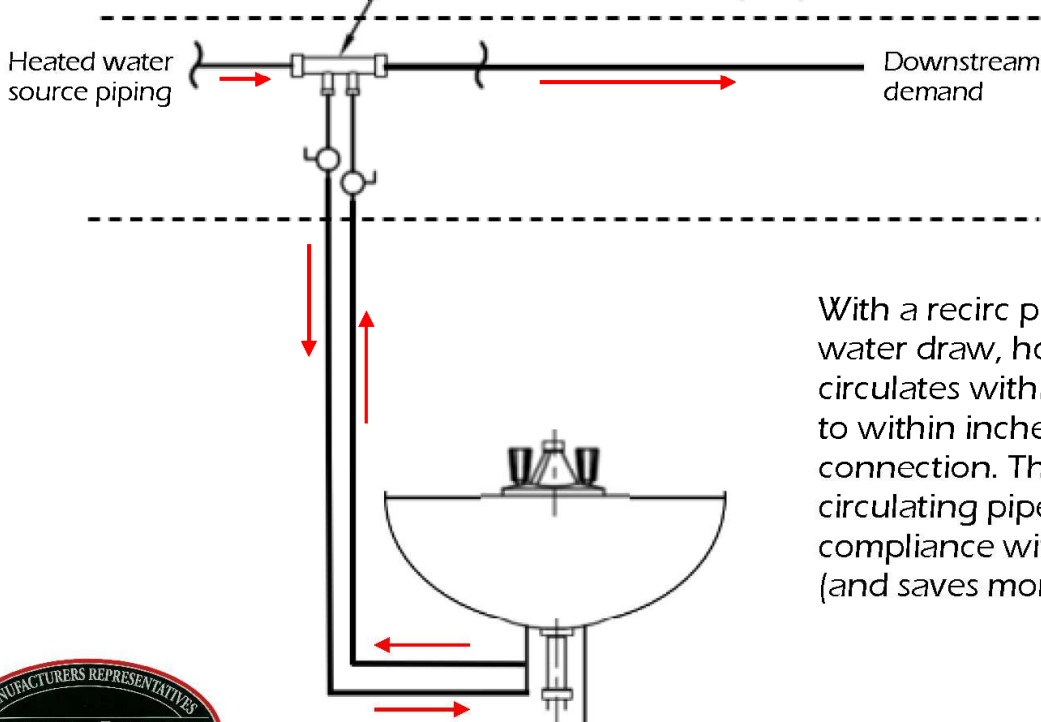


# How to comply with the Energy Code C404.5.1 (requiring a maximum of only 24" of non-circulating pipe length).

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Figure 651 06 XXX



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**KEMPER**  
WATER CONTROL SYSTEMS

## ASPE Design Guide Volume 4 Chapter 4

“The goal of the designer should be for the system to operate with as little energy as possible for a given demand.”

“At no time is a booster at 100 percent flow based on Hunter’s diversity curves”

“When selecting the total flow capacity, one preferred way to evaluate the operational efficiency is to use a method that can be scientifically proven, such as the 70 percent method.”

“Tanks will typically be required when the manufacturer does not utilize low flow testing algorithms to detect low flow”

“New energy standards concede that reducing the speed of a pump during most of its operational time and restarting for makeup loads is more efficient than using tanks as “water storage batteries” during low-flow conditions.”

\*\* The above is taken from American Society of Plumbing Engineers design guide volume 4 chapter 4\*\*

Thank You for your support!



### Your Trusted Partners

Please contact us for in person or virtual lunch & learn [jayotto@ottosales.com](mailto:jayotto@ottosales.com) 804-798-2600

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**QuantumFlo received the 2020 ASPE Industry Award**

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*Note: Chiller sold separately; various options available, based on application*



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*For more information on Schier and Grease Monkey, please contact The Joyce Agency!*

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**For Lunch & Learns or more information, contact:**

Mike McCarthy | Technical Manager  
[Mike.McCarthy@Viega.us](mailto:Mike.McCarthy@Viega.us), (571) 328-1143

Based in the Northern Virginia D.C. Metro area, Mike formerly worked for a fire protection manufacturer and was a volunteer firefighter. Mike holds a Business Degree with a specialization in entrepreneurship and brings strategic business planning to the Viega team.

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## Water Temperature Control Revolutionized



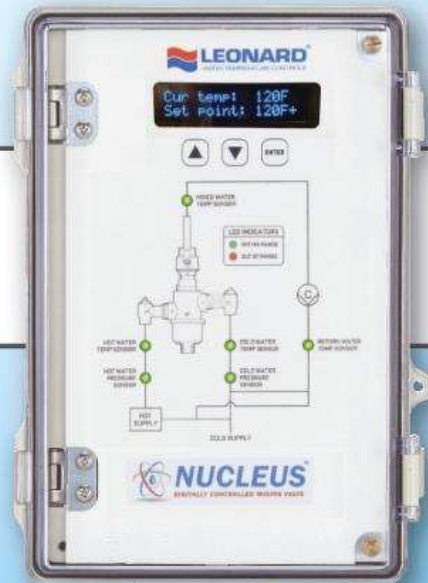
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#### **Newsletter and Webpage Advertisement Costs**

##### **Full Page Newsletter (per season)**

ASPE Member \$375

Non-Member \$450

##### **Half Page Newsletter (per season)**

ASPE Member \$275

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##### **Business Card Newsletter (per season)**

ASPE Member \$75

Non-Member \$150

#### **Meeting Tabletop Costs**

##### **Per Meeting**

ASPE Member \$80

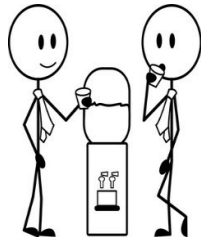
Non-Member \$100

##### **Per Year (8-9 Meetings)**

ASPE Member \$450

Non-Member \$550

# TALK AROUND THE WATER COOLER...



Check-out these sites for interesting and educational topics & tools to stay up to date!

## ASPE Pipeline

News for the Plumbing System Design Industry

### 1. New Member Benefit!

ASPE's *Plumbineering Dictionary* contains thousands of words used every day in the design of all types of plumbing systems, and ASPE members can now access our new online version as part of your member benefits. Visit [aspe.org](http://aspe.org) Home » Publications & News to access.

### 2. Save the Date

If you weren't able to join us for the 2021 ASPE Tech Symposium in San Diego, save the date for our next national event: [the 2022 ASPE Convention & Expo in Indianapolis on September 16–20](#), which will combine technical education and networking with the largest trade show in the country dedicated exclusively to plumbing system products and services. Registration will open next spring.

## BE SURE TO CHECKOUT THESE COLUMNS FOUND IN PIPELINE EXCLUSIVES SECTION:

[HTTPS://WWW.ASPE.ORG/PIPELINE/CATEGORY/PIPELINE-EXCLUSIVES/](https://www.aspe.org/pipeline/category/pipeline-exclusives/)

### SUCCESS IN SAN DIEGO!

What a special few days we had in beautiful San Diego for the 2021 ASPE Tech Symposium! The weather was not the only beautiful sight to behold, however. We thought it would be a well-attended event—maybe even one of our better-attended Symposiums. That turned out to be very accurate, as we did indeed break the Symposium attendance record with an all-time high of 610+ total attendees, eclipsing the previous attendance record set at the 2019 Tech Symposium held in Pittsburgh.



### HOW TO APPLY VALUE ENGINEERING TO BENEFIT THE OWNER AND PROJECT

*Value Engineering* is a term that gets much use and abuse in the vertical build market. As with many things in the English language, these terms can have different meanings to different people. Check out an engineer's perspective.



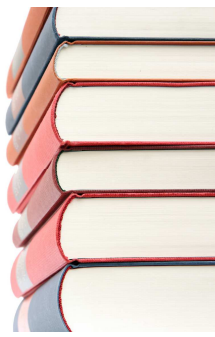
### IS IT BETTER TO USE HOT OR COLD WATER TO SUPPLY A COFFEE MAKER?

Victoria Johnson, a PE in Raleigh, NC, recently polled our experts on ASPE Connect to find out if they used hot or cold water to supply a coffee maker when designing a new break room. The Consensus...Cold water should always be used to supply coffee makers. Find out why.





# **EDUCATION STATION**



REMINDER! ASPE revamped their learning platform!! The new site is [education.aspe.org](https://education.aspe.org). All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your ASPE Connect credentials. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

**BE SURE TO CHECK BACK EACH MONTH FOR ANY NEW / UPCOMING WEBINARS**



THE OCTOBER 2021 ASPE BOOK OF THE MONTH IS ***ARCOSA/ASPE/ANSI 63-2020: RAINWATER CATCHMENT SYSTEMS***

THROUGH OCTOBER 31, 2021, YOU CAN PURCHASE THE PDF VERSION OF THIS BOOK FOR **35% OFF** THE REGULAR MEMBER PRICE. JUST ENTER COUPON CODE **FALLCOLORS** WHEN YOU CHECK OUT.