

## CastExpo: Metalcasting's exciting future on display

Trade show and congress returns live for first time since 2019

Thousands of professionals from across the metalcasting supply chain will converge on Columbus, Ohio, this April for CastExpo 2022.

With a theme that reflects the industry's exciting opportunities, "Future Directions in Metalcasting," CastExpo 2022 and the 126th Metalcasting Congress will emphasize new technologies, the latest equipment, advances in ferrous and non-ferrous

castings, and recent research breakthroughs. The trade show and congress, set for

April 23-26 at the Greater Columbus Convention Center, is also the biggest event of its kind since 2019.

"We're always thrilled to welcome the worldwide metalcasting industry to CastExpo, but this year's edition is particularly meaningful," said AFS CEO Doug Kurkul. "Following the cancelation of Congress in 2020 and a virtual Congress in 2021, we know our members, exhibitors, and guests are eager to get down to business at CastExpo 2022."

Headlining the event is the busy exhibit floor, which features full-scale exhibits, product demonstrations, and opportunities to meet with some of the industry's best suppliers. Well over 200 companies

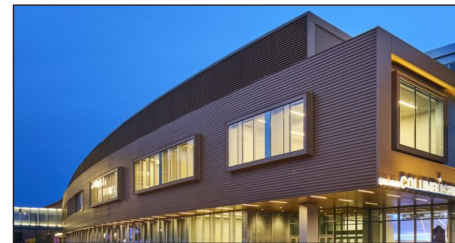


### CASTEXPO 2022

**When:** April 23-26, 2022

**Where:** Greater Columbus Convention Center, Columbus, OH

**Registration:**  
[www.CastExpo.com](http://www.CastExpo.com)



New equipment, products, and research are among the highlights of CastExpo. *Top:* Exhibitors show off machinery on the show floor at CastExpo 2019. *At left:* Attendees listen to a presentation in the Casting Source Theater in 2019. *Above right:* The Greater Columbus Convention Center will host the 2022 show.

had already reserved their space as of early February. Metalcasters will show off their capabilities in the unique Cast in North America pavilion, where foundries are invited to network with casting designers, buyers, and OEM representatives looking to strengthen their supply chains, reshore their orders, convert parts to castings, or otherwise work with North American metalcasters.

CastExpo's popular technical and management sessions also return this year. Presented by leading researchers, academics, and industry experts from all over the world, these sessions cover everything from additive manufacturing to specific alloys and processes, and from government affairs to marketing.

Please see CastExpo on Page 5



Ask a technical question, answer a question with  
**Casting Connection**



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Join the discussion at  
**Foundry and Diecaster Network**



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**@AmerFoundrySoc**



# A year of compelling events for AFS members

With the past two years behind us, 2022 will bring numerous opportunities for AFS members to join together for informative programs and valuable business networking. The Society has planned a larger-than-customary number of compelling events and we invite you and your colleagues to participate in as many as possible.

**CastExpo 2022** will be presented in Columbus, April 23-26. For those *Member Connections* readers who have never attended a CastExpo, you owe it to yourself and your organization to participate.

It is the largest gathering of the metalcasting supply chain in North America. Moreover, as a once-every-three-years event, it's packed full of programming, exhibits of working equipment on the show floor, keynote addresses, buyer-designer educational presentations, and awards celebrations. In short, CastExpo is a celebration of all that is great about the metalcasting industry. Registration is open at [www.castexpo.com](http://www.castexpo.com).

Foundry leaders tell us that recruiting, training and retaining quality employees is their biggest challenge. The **AFS Management and Training Development Summit** on May 18-20 in Schaumburg, IL,

will provide indispensable insight for managers and HR directors. Seating is limited, so register today at [www.afsinc.org](http://www.afsinc.org).

Plan to join us in the nation's capital for the **Government Affairs Fly-In**, June 7-8. AFS will present informative sessions plus an awards reception at the prestigious Capitol Hill Club, followed by a day of meetings with lawmakers.

On June 14-16, AFS will be in St. Louis for the **Aluminum Conference**. All aluminum metalcasters, as well as suppliers to aluminum foundries, will find tremendous value from this conference. **Foundry Industry 4.0** will be the topic as AFS members gather in Itasca, IL (near O'Hare Airport) at the Eaglewood Resort for an insightful conference on the technologies that are revolutionizing metalcasting and manufacturing in general. The dates are July 26-27. Be sure to bring your golf clubs, as well, for the optional golf outing on July 25.

The **Chapter Officers Conference** is slated for Aug. 7-8. If you are a chapter officer, plan to swing by Schaumburg, IL for this valuable event.

AFS will present the **Sand Casting Conference** in Milwaukee, September 12-14. Hear from experts on green sand casting and chemically bonded molds and cores. This conference will cover advances in sand casting technologies as well as practical insight to improve foundry processes.

The **Foundry Leadership Summit** will be presented at the historic and beautiful Greenbrier Resort, September 18-20. To get an idea of what this event is all about, visit the photo spread on pages 7 and 8 of this issue of *Member Connections*.

The **Annual Environmental, Health and Safety (EHS) Conference** will be in Milwaukee this year, on October 4-6. Preceding it will be a Safety 101 Seminar. These events are suitable for all foundries, regardless of metal or process. Attendees will hear from some of the best names in foundry EHS and network with peers.

The **AFS Institute** will be presenting in-person and live online training events throughout 2022. AFS regional chapters will be offering wonderful programs, as well. We look forward to seeing you in person this year. There is a place for everyone in today's AFS!

For those *Member Connections* readers who have never attended a CastExpo, you owe it to yourself and your organization to participate. ... CastExpo is a celebration of all that is great about the metalcasting industry.



## CastExpo 2022 Keynote Speakers

**Lessons From a Former Navy Commander**  
**Captain D. Michael Abrashoff**  
 10:30 a.m. Saturday, April 23

When Captain D. Michael Abrashoff boarded the USS Benfold as its new commander, it was plagued by low morale and staggeringly high turnover. But within 12 months, it had the best performance rating in the Navy – achieved by the same crew Abrashoff had inherited. How did he do it? By switching from command-and-control leadership to commitment and cohesion.



Abrashoff's CastExpo keynote, "Lessons From a Former Navy Commander," will explore how metalcasters can use the lessons he applied in the Navy to energize their workforces by focusing on the one thing managers can influence – the workplace cultures they create.

**Hoyt Memorial Lecture: Seven Keys to Long-Term Success: Lessons From a 50-Year Career**  
**Jean Bye**  
 10:30 a.m. Sunday, April 24

Industry veteran Jean Bye started at Dotson Iron Castings as an intern in 1972. Nearly 50 years later, she retired as its CEO. From economic booms and busts to destructive fires and resilient rebuilding, Bye's career comprised the kinds of challenges and opportunities every metalcaster will recognize.



In her 2022 Hoyt Memorial Lecture, "Seven Keys to Long-Term Success: Lessons From a 50-Year Career," Bye will explore what she learned about continuous improvement, defeating biases, building up employees, choosing the right battles, and more. In addition to her career at Dotson, Bye also is a Past President of AFS.

**America in 2022: The State of Public Opinion**  
**Scott Rasmussen**  
 10:30 a.m. Monday, April

Scott Rasmussen is a pioneer in the field of polling, having debuted the first daily presidential tracking poll more than 20 years ago. His talent for asking the "right questions" in the language of everyday people provides a unique – and accurate – perspective on public opinion that's often missed by other Beltway polling firms.



Rasmussen's CastExpo keynote will analyze the public's thoughts on politics, the economy, and current events, putting that data into meaningful context for his business audience. Rasmussen is president of RMG Research, Inc. and the author of *The Sun is Still Rising: Politics Has Failed but America Will Not*. He was also a cofounder of the cable sports network ESPN.



### EXHIBITS AND SPONSORSHIPS AT CASTEXPO

If your company serves the \$44 billion metalcasting supply chain, either as an industry supplier or a North American metalcaster, you're invited to highlight your company at CastExpo 2022. A very limited number of exhibits, as well as several sponsorship opportunities, are still available.

To learn more, visit [www.afsinc.org/exhibits-sponsorships](http://www.afsinc.org/exhibits-sponsorships) or email [exhibits@castexpo.com](mailto:exhibits@castexpo.com).

### HEALTH & SAFETY AT CASTEXPO

CastExpo 2022 has partnered with the Greater Columbus Convention Center to ensure a clean, safe venue to mitigate the spread of SARS-CoV-2 and other viruses.

#### Global Biorisk Advisory Council Certification

GCCC has achieved Global Biorisk Advisory Council® (GBAC) STAR™ accreditation. Under the guidance of GBAC, the worldwide cleaning industry association, GCCC has implemented the most stringent protocols for cleaning, disinfection, and infectious disease prevention.



#### VenueShield®

GCCC participates in VenueShield®, a comprehensive reopening program incorporating the latest environmental hygiene protocols and standards.



# AFS Institute to introduce new courses in 2022

Sales class will debut with preview at CastExpo

New classes on sales, artificial intelligence, project management, and other topics important to metalcasting success are coming to the AFS Institute this year.

A **Selling Framework Bootcamp** uses the popular Sandler Sales Method to teach metalcasters how to identify the right behaviors, attitudes, and techniques to maximize their chances of sales success. The 1.5-day bootcamp is aimed at sales staff and anyone responsible for foundry business development. The course debuts with a shorter preview, **A Selling Framework for Engineers**, at 1:30 p.m. on Monday, April 25, during CastExpo 2022 in Columbus. Led by Jared Lockwood of Sandler Training, this class will give insights as to why “sales” shouldn’t be a dirty word for engineers. Following its CastExpo premiere, the full course will be offered at AFS HQ in Schaumburg on June 9-10.

**Fundamentals of SPC & Process Capability**, taught by quality control expert Ted Schorn (Enkei America), is a class for engineers and quality control personnel who want to learn how to use statistical pro-

cess control to improve their operations’ manufacturing processes and quality. Although the course incorporates advanced topics, it’s suitable even for people with little to no background in statistics, because Schorn teaches fundamental concepts and provides how-to’s along the way. The class covers basic data evaluation, probability calculations, capability study calculations, and topics focused on SPC and what is needed for quality and engineering in a metalcasting plant. Schorn also will provide tools for using Excel for SPC. This class is in development and will debut later in 2022.

Also in development for 2022 is **Artificial Intelligence for Metalcasting**. Taught by Jiten Shah (Product Development and Analysis LLC), an expert in computer-aided engineering, this Institute course will explore the potential applications for artificial intelligence and machine learning in metalcasting. Shah will cover how to choose the right AI application for a foundry, how to implement the technology in a facility, what tools and resources are required, and examples of intelligent processing using an AI/ML framework and methodology. The class also covers data science and other forms of smart manufacturing. It’s ideal for engineers and people who oversee production, and

it’s applicable to people who already use AI as well as those who just want to learn more about it.

Besides Institute-developed courses, AFS will again partner with top universities to provide specialized training to executives and metalcasting managers.

**Leading Successful Projects** teaches students to leverage project management concepts to become more effective leaders, focusing on project management tools and methods as well as goal-setting, motivating a team, and assessing stakeholders’ needs. **Executive Leadership Training** takes executives through a series of lessons – Leadership Essentials, Leadership Redefined, Accelerating the Change Through Influence, and Leadership Skills for the Future – to take their leadership skills to the next level. Both are web-based courses offered as a partnership between the AFS Institute and Lake Forest Graduate School.

Additionally, **Legal Strategy for Business by Northwestern’s Kellogg School of Management** will return again this year after a successful run in 2021.

To attend the CastExpo course, “A Selling Framework for Engineers,” register for the Education pass at [www.castexpo.com](http://www.castexpo.com). Sign up for all other classes at [www.afsinc.org/courses](http://www.afsinc.org/courses).

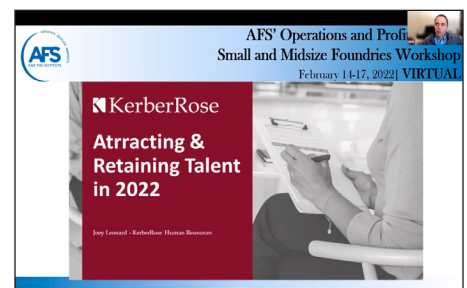
ning, sales, and legal considerations, as well as technical topics like best practices for ferrous and non-ferrous melting and quality assurance.

Many sessions focused on safety, as well, including “Creating a Safety-First Culture” and “OSHA’s Top 10 from a Foundry Perspective.” Regardless of topic, every presentation focused on the perspective of small and mid-size foundries – typically plants with fewer than 150 employees, although there was no cut-off for company size. This was the first time in 15 years that AFS held this particular conference.

The conference included live question-and-answer sessions and discussions with experts from the metalcasting, business, and legal fields.

**Top 10 Violations: Steel Foundries 331513 – FY21**  
Total: 27 Citations - 8 Inspections - Penalties = \$91,397

Standard	# of Citations	Total Penalties
1. Respirable Silica (1910.1053)	6	\$4,782
2. Occupational Noise Exposure (1910.95)	4	\$4,100
3. Personal Protective Equipment (1910.132)	3	\$12,300
4. Respiratory Protection (1910.134)	3	\$12,982
5. Lockout/Tagout (1910.147)	3	\$15,213
6. Powered Industrial Trucks (1910.178)	2	\$15,799
7. Hazard Communication (1910.1200)	2	\$3,249
8. General Duty Clause S(a)(1)	2	\$13,926
9. Recordkeeping Forms (1904.29)	1	\$1,045
10. Use of Equipment – cords/plugs (1910.334)	1	\$8,000



## AFS EVENTS

### Conference delivers insight for smaller foundry sector

Metalcasters who work in the smaller foundry sector got specialized insight into their business and technical needs during a unique web conference from AFS.

Operations and Profitability in Small and Midsize Foundries went live online on Feb. 14-17. Presentations covered business topics such as succession plan-

# Members have upgraded webinar resources from AFS

Archived content now active on AFS OnLive

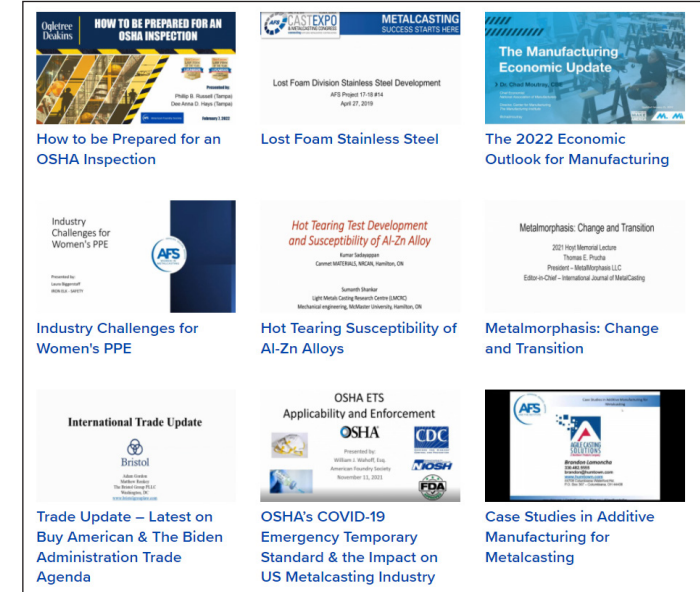
A new, easy-to-navigate platform for streaming AFS Members-Only Webinars recently launched for members.

AFS OnLive is the society’s digital platform for live online conferences and related events. Now, it’s also home to the AFS Members-Only Webinar Archive. The upgraded website, at <https://onlive.afsinc.org>, includes a simple interface for searching webinar recordings that improves on the old design by including screengrabs to help users preview content. (Members can continue to search for webinar recordings at the previous online archive, [www.afsinc.org/members-only-webinars](http://www.afsinc.org/members-only-webinars), but they’ll be redirected to the new website.)

Content is searchable by topic and subtopic, ranging from professional development and government affairs to engineering and research.

As with the previous archive, you must enter your AFS membership information to watch these webinars on demand.

AFS Members-Only Webinars are a popular membership perk for individual members. Presenters include academics and researchers, industry leaders, lawyers and government affairs experts, sales and marketing pros, and others who share technical and management insights. Typically, there are about two to three webinars a month, all of



The new AFS Members-Only Webinar Archive is now stored on AFS OnLive. The new archive has better functionality and improved navigation.

### Upcoming Webinars

- **CastExpo 2022 Preview | March 2, 1 p.m. (CT)**  
Get a sneak peek at everything CastExpo 2022 has to offer during this preview webinar for attendees, exhibitors, and anyone interested in learning more about North America’s largest metalcasting trade show and congress.
- **Steel Melting in Coreless Induction Furnaces: Refractory Challenges & Experience | March 22, 1 p.m. (CT)**  
Presented by Brad Meibers, Saint-Gobain.
- **Using Industry 4.0 in the No-Bake Foundry | April 5, 1 p.m. (CT)**  
Presented by Wil Tinker, Tinker Omega Sinto, LLC.
- **Iron Casting Conversion Case Study | May 10, 1 p.m. (CT)**  
Presented by Mark Mundell, Lethbridge Iron Works.  
*New webinars are added frequently. Check for updates at [www.afsinc.org](http://www.afsinc.org).*

which are free to members or \$250 to non-members. Webinars are hosted on Zoom, and people who RSVP receive a link in advance.

To explore the Members-Only Webinar, visit <https://onlive.afsinc.org>. To RSVP to an upcoming webinar, visit [www.afsinc.org](http://www.afsinc.org) and select “Events.”

### CastExpo continued from Page 1

Some highlights of this year’s program include the Silver Anniversary Lecture by Sara Joyce (Badger Mining Corp.), “Effect of Sand Distribution on Casting Quality,” which revisits a paper published 25 years ago, “Sand Distribution: Its Effect on Casting Quality;” the Cast Iron Honorary Lecture, “Cast Iron Innovation Through Education” by Robert Voigt (Penn State University); a joint session hosted by the Copper Division and the Human Resourc-

es Division, “Conversations in Columbus about People, Talent and Leadership,” moderated by Joey Leonard (HS Group HR Inc.); and a panel, “Cast Iron and Aluminum – The Great Debate,” which will pit experts in each metal against each other in a debate about material properties, appropriate applications, and overall energy considerations when producing or designing with a given material. The moderator will be metal-neutral Vasko Popovski (Advanced Heat Treat Corp.).

Additionally, six sessions for casting de-

signers and buyers will take place directly on the show floor and are included with Exhibits admission.

Other events at CastExpo include awards presentations, the Annual Banquet, networking events, the Women in Metalcasting Breakfast, scholarship competitions, keynotes, Foundry-in-a-Box demonstrations, sponsored presentations from exhibitors, and more.

To experience the future of metalcasting up close, register for CastExpo 2022 at [www.CastExpo.com](http://www.CastExpo.com).





More than 130 leaders from the metalcasting supply chain participated in the 2021 Foundry Leadership Summit, which was held in Arizona last September. Mark your calendars for the 2022 Foundry Leadership Summit at the Greenbrier Resort in White Sulphur Springs, West Virginia, Sept. 18-20.



The master of ceremonies, shown here recognizing Foundry Leadership Summit sponsors, was Mike Lenahan, AFS president.



AFS is focused on foundry safety throughout 2021-2022. Discussing "Safety at the Foundry: The CEO's Perspective" are CEOs Tom Teske (EJ), Angela Dine Schmeisser (St. Mary's Foundry), Matt Fetter (Metal Technologies), Ted Schorn (Enkei America) and moderator Brent Charlton (safety director, Metal Technologies).



AFS CEO Doug Kurkul brought the audience current with the traditional "State of AFS" presentation.



The Foundry Leadership Summit reception provided a welcome opportunity for face-to-face networking.



One of the world's leading business futurists, Dan Burrus, headlined the program. Burrus provided metalcasters with alternative models for evaluating future change. He is shown here with Sachin Shivaram, CEO of Wisconsin Aluminum Foundry.



Longtime friends and new acquaintances enjoy networking and discussing metalcasting trends at each year's Foundry Leadership Summit. From left are Aimee and Chris Norch (Denison Industries), Bruce Dienst (Simpson Technologies), Mike Didion (Didion International), ShiaoFong Yin (TEALE Group) and Paul Mikkola (PPM Consulting) and his wife, Pam Mikkola.



Gold medals were presented to Denny Dotson, former CEO of Dotson Iron Castings; Kathryn Hayrynen, vice president of R&D at Applied Process; and Ted Schorn, vice president of Enkei America.



The Foundry Leadership Summit was chaired by Adam San Solo (Director of Sales for US Foundry), who is the 1st Vice President of AFS. Adam is at right with Gus Faucher, Senior Vice President of PNC Financial Services. Faucher provided attendees with an insightful economic overview.



The efficient, business-friendly FLS format includes a casual Sunday night reception; renowned speakers, networking and an inspirational awards banquet on Monday; and another half-day of world-class speakers on Tuesday morning. Enjoying fellowship from left are Amy Besser (Decatur Foundry CFO), with Colin Green and Katie Hensley (both of Cottingham & Butler).



Dr. Kathy Hayrynen, vice president of R&D at Applied Process, received the AFS John H. Whiting Gold Medal for meritorious contributions to the ferrous sector. At right is Chip Keough, the founder of Joyworks Studio, who was the 2018 recipient of the Pangborn Gold Medal.



AI, robots and more

## Foundry 4.0 Conference to explore new tech

What was once the stuff of science fiction is now a modern manufacturing fact: the “Industry 4.0” revolution is already here, and metalcasters have embraced it.

Encompassing everything from automation and artificial intelligence to data collection, robots and cobots, Industry 4.0 technologies are becoming common in

foundries worldwide. And it’s not just for large manufacturers anymore. As costs have come down and software and equipment have become user-friendly, companies of all sizes have found they benefit these smart manufacturing technologies.

AFS members are no exception. Last year, the AFS Engineering Division officially rebranded as the Engineering and Smart Manufacturing Division, reflecting the group’s expanded focus on these new technologies. And in 2022, AFS will introduce its first in-person Foundry 4.0 Conference, on July 26-27 in Itasca, Illinois. An optional golf outing precedes the event on July 25.

Last year’s 4.0 conference – the first of

### FOUNDRY 4.0 CONFERENCE

**When:** July 26-27  
**Where:** Schaumburg, IL  
**Registration:** [afsinc.org/conferences](https://afsinc.org/conferences)



its kind for AFS – was held online, but the 2022 edition will be coming to Eaglewood Resort & Spa near O’Hare International Airport. That means attendees will have the opportunity to handle some of the equipment, such as wearable technologies, that will be discussed at the conference. Additionally, exhibitors serving the foundry industry will be at the conference to share their products and services.

Other conference topics may include:

- Artificial intelligence
- Augmented reality
- Data collection

- Data management
- Data-driven decision-making
- Data communication standards and practices
- Robotics and cobots
- Automation
- Cybersecurity
- Training

Registration for the Foundry Industry 4.0 Conference will open soon. Exhibit and sponsorship opportunities are available now. For information about exhibits or sponsoring this event, please contact Kim Farrugia at [kfarrugia@afsinc.org](mailto:kfarrugia@afsinc.org).

## Get tools to improve process control and quality at aluminum conference

The science of aluminum casting is always moving forward, so a summer conference from AFS will focus on the newest trends, developments, and best practices in aluminum.

The 2022 Aluminum Casting Conference, June 14-16 in St. Louis, Missouri, will have a special emphasis on melt quality and casting process control. But that’s just the beginning of what this

conference will offer. Other topics include new and emerging technologies, best practices for thermal management of permanent molds, and industry megatrends. Attendees will leave with practical tools to improve process control and quality.

The 2022 Aluminum Casting Conference is relevant to workers in all aluminum foundries, including sand, lost

foam, investment, permanent mold, and die casting.

This in-person conference is at the Marriott-St. Louis Airport. Registration will open soon.

For information about sponsorship opportunities at the event, contact Kim Farrugia at [kfarrugia@afsinc.org](mailto:kfarrugia@afsinc.org).

### 2022 ALUMINUM CASTING CONFERENCE

**When:** June 14-16  
**Where:** St. Louis, MO  
**Registration:** [afsinc.org/conferences](https://afsinc.org/conferences)

# PROTECT YOUR DIGITAL ASSETS

Manufacturers are a prime target for hackers.

Don’t leave your company vulnerable.

**NAM Cyber Cover** through AFS gives Corporate Member companies the advantage of insuring some of their most valuable resources – their digital properties – against cyber threats while also providing them with a risk assessment to identify areas of vulnerability.

For more information, visit: [AFSinc.org/nam-cyber-cover](https://AFSinc.org/nam-cyber-cover)

Get your complimentary risk assessment today. Scan here.

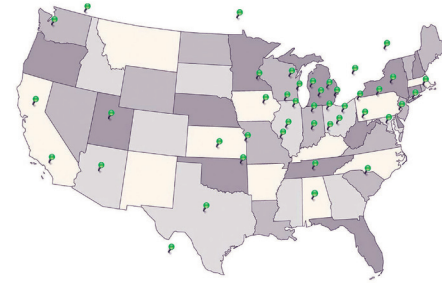




## AFS Chapter Directory and Updates

AFS provides the means for you to network with metalcasters in your area. Chapters are planning meetings across the country. To see the full calendar, find chapter contact details, or for more information, visit [www.AFSinc.org/chapters](http://www.AFSinc.org/chapters) or email Ben Yates at [byates@afsinc.org](mailto:byates@afsinc.org).

**Include your chapter's meetings in the AFS Chapter Calendar!** Email your event invitation to [membership@afsinc.org](mailto:membership@afsinc.org) and we'll take it from there.



### MIDWEST

#### CAC-Ohio

(Cleveland/Akron/Canton, Ohio region)  
<http://cacohioafs.org>

#### Central Illinois

#### Central Indiana

<https://afscic.org>  
The Central Indiana Chapter hosted its February meeting in Greenwood on Feb. 8. It included dinner and a presentation from AFS President Mike Lenahan.

#### Central Michigan

<https://www.facebook.com/afscentralmi>

#### Central Ohio

<http://www.afscentralohio.org>  
The Central Ohio Chapter held its Student Night on Jan. 20 in Hilliard, where artist and foundry veteran David Knapp was the presenter. The chapter's winter party and scholarship fundraiser night was on Feb. 19 in Hilliard. The party's "Let's Make a Deal" theme included dinner, music, dancing, prizes, and more.

#### Chicago

<https://www.chicagoafs.org>

#### Detroit/Windsor

<https://afsdetroit.square.site>

#### Hawkeye

(Iowa region)  
<http://afshawkeye.wixsite.com/afshawkeye>

The Hawkeye Chapter hosted a Feb. 15 meeting in Cedar Falls, Iowa, in conjunction with the University of Northern Iowa Student Chapter. The event included student presentations, a pouring demonstration, and a dinner. The chapter's next meeting will be March

22 in Waterloo, Iowa. Speakers will be AFS President Mike Lenahan and Brian Lewis, Executive Director of the Foundry Educational Foundation.

#### Mo-Kan

(Missouri/Kansas region)  
<http://www.afs-mokan.org/>

#### Northeastern Wisconsin

<http://www.afsnew.org>  
The Northeastern Wisconsin Chapter held a meeting in Neenah on Jan. 10 featuring presenter Michael Dougherty (Voxeljet America Inc.). On Feb. 9-11, the chapter cohosted the 84th Annual AFS Wisconsin Regional Exposition and Conference in Milwaukee with the Stateline and Wisconsin chapters. The chapter's March meeting will be March 7 in Neenah, featuring an HR panel discussion by Jenny Johnson (Badger Mining), Sarah Pantol (FLASH), Julie Wendt (Aarrowcast) and John Linn (Carpenter Brothers).

#### Northern Indiana

<http://www.afsnin.org>  
The Northern Indiana Chapter hosted a dinner meeting in Warsaw with speaker Dr. Sam Ramrattan of Western Michigan University on Jan. 10. On Feb. 14, the chapter held a dinner meeting in Warsaw, where Marc King (The Nugent Sand Company) gave a technical presentation on sand expansion defect reduction.

#### Plains States

(Great Plains region)

#### Saginaw Valley

<http://www.saginawvalleyafs.org>  
The Saginaw Valley Chapter held a January meeting with a presentation, "The Use of Metal Additive Manufactur-

ing in GM Foundries & Tooling," from Ante Lausic (General Motors). On Feb. 3, during the chapter's "Honor Business Night," Tom Teske (EJ Americas) was the speaker.

#### Southwestern Ohio

#### St. Louis

<http://afsstl.org>

#### Stateline

(Northern Illinois/Southern Wisconsin region)  
The Stateline Chapter cohosted the 84th Annual AFS Wisconsin Regional Exposition and Conference in Milwaukee on Feb. 9-11 with the Wisconsin and Northeastern Wisconsin chapters.

#### Toledo

#### Tri-State

(Oklahoma/Kansas/Arkansas region)  
The Tri-State Chapter will hold a March 10 meeting in Haysville, KS.

#### Twin Cities

(Minnesota region)  
<http://afstwincities.org>

#### Western Michigan

<http://westmichiganafs.com>  
Comedian Dwayne Gill headlined the Western Michigan Chapter's Dinner & Comedy Night on Feb. 8 in Norton Shores.

#### Wisconsin

<https://www.wisconsinafs.org>  
The Wisconsin Chapter hosted a meeting on Jan. 17 in Greenfield, featuring a presentation from AFS CEO Doug Kurkul, who discussed the 2022 Forecast. The chapter also cohosted the 84th Annual

## Wisconsin chapters host regional conference

The AFS Wisconsin, State Line (Illinois/Wisconsin) and Northeastern Wisconsin chapters co-hosted the 84th Annual Wisconsin Regional Exposition and Conference in Milwaukee on Feb. 9-11. The event at the Potawatomi Hotel & Casino included educational sessions, exhibits from industry suppliers, a student casting contest, and a job fair, among other activities. Another long-running regional, the 89th Southeastern Regional Conference, will be hosted by the Piedmont Chapter on March 2-4 in Savannah, Georgia.

AFS Wisconsin Regional Exposition and Conference in Milwaukee on Feb. 9-11 with the Stateline and Northeastern Wisconsin chapters.

### EAST

#### Central New York

#### Mid-Atlantic

<https://midatlantic.afschaptersites.com>

#### New England

<http://www.newenglandafs.com>

#### Northwestern Pennsylvania

<http://www.nwpaafs.org/index.html>  
The Northwestern Pennsylvania Chapter hosted a dinner meeting and human resources round table in Erie on Jan. 18. Presenters were Rachel Tserkovniak (Manufacturers & Business Association), Amber Evanoff (Erie Bronze), and Katie Curtis (Electric Materials). On Feb. 15, the chapter held a dinner and meeting in Erie. The presentation topic was "PSB Student Intern Presentations."

#### Pittsburgh

<https://www.facebook.com/AFSPITT>  
The Pittsburgh Chapter held a Zoom meeting on Jan. 18 with presenter Dennis Unkovic (Meyer, Unkovic & Scott LLP), whose presentation was "What's Next for the Global Supply Chain?" On Feb. 24, the chapter hosted a Foundry-



**Top:** Students from Western Michigan University describe their entry into the student casting contest at the Wisconsin Regional. **Bottom left:** AFS President Mike Lenahan gives a welcome speech to Wisconsin Regional attendees on Feb. 9. **Bottom right:** Attendees network with exhibitors at the Wisconsin Regional on Feb. 10.



in-a-Box demonstration for BotsIQ. The event was part of a Girls in Engineering event in collaboration with the Women in Manufacturing Western PA Chapter and Commonwealth Charter Academy.

### SOUTH

#### Birmingham District

(Alabama region)  
<https://www.afsbirmingham.com>  
<https://www.facebook.com/afsbham>  
Birmingham Chapter held a meeting on Feb. 10 in Talladega, Alabama, featuring target shooting and a technical session, "Introduction to Foundry Sand and Sand Reclamation," presented by Russell Hector (ASK Chemicals LLC). On April 4, the chapter will host a catered event at Vulcan Park that will include student scholarship presentations. Details will be announced.

#### Piedmont

(Southeast U.S. region)  
<http://afspiedmont.org>  
The 89th Southeastern Regional Conference, hosted by the Piedmont Chapter, will be March 2-4 at the Savannah DeSoto Hotel in Savannah, Georgia. For information, visit [www.seregional.org](http://www.seregional.org).

#### Tennessee

<http://www.afs-tn.org>

#### Texas

<http://www.afstexas.org>

### WEST

#### Northern California

<http://www.afsnorcal.org>

#### Southern California

<http://www.afssocal.org>

#### Utah

#### Washington

### MEXICO

#### North Mexico

### CANADA

#### British Columbia

<http://afsbc.ca>

#### Detroit/Windsor

<https://afsdetroit.square.site>

#### Eastern Canada

<http://www.afsestcanada.org>

#### Ontario

<http://afsontario.ca>  
In January, the Ontario Chapter auctioned off tickets to a Raptors game, which were donated by Air Liquide. The chapter has plans for more fundraiser auctions in the future.



## AFS policy agenda supports strong metalcasting industry

AFS has announced its policy priorities for 2022, which support the strength of the industry, the hundreds of thousands of U.S. jobs it creates, and the tens of billions of dollars in economic impact it produces.

AFS's top policy issues for 2022 were developed in consultation with the AFS Government Affairs Committee and member companies spanning the entire industry value chain. "These pro-metalcasting policy priorities will act as our roadmap for discussions with policymakers over the coming year," said Doug Kurkul, AFS CEO.

AFS is working aggressively with Congress and the administration for pro-growth, job-creating, balanced regulatory policies to ensure the long-term viability of metalcasting. For 2022, AFS is advocating for commonsense policies in the following key areas:

- **Supply chain** – Build resiliency and sustainability in domestic and international supply chains. This is of paramount importance for the U.S. metalcasting industry, its suppliers, and customers. The ongoing supply crunch for semiconductor chips has hurt production across sectors supplied by the foundry industry, including automobiles, tractors, machinery, airplanes, defense equipment, and consumer appliances.

- **Infrastructure investment** – Swiftly



provide the funding to states and localities to rebuild our crumbling infrastructure, including expediting the federal permitting process.

- **Tax** – Refrain from raising taxes on manufacturers and maintain immediate deduction of R&D activities, which will no longer be immediately deductible; instead, the costs will be capitalized and amortized over 5 or 15 years.

- **Environment** – Metalcasters are committed to environmental quality and invest tens of millions of dollars in equipment and processes. Durable and infinitely recyclable, metal castings play an important role in global energy and climate

challenges. The industry is continuously innovating to reduce energy use and carbon impact.

- **Trade** – Support a fair playing field for metalcasters and our customers to compete in the global marketplace, including vigorous enforcement of U.S. trade laws and international trade agreements.

- **Workforce development** – Shortage of workers hampers foundries. Invest in the next generation of skilled, technical workers.

To read the full American Foundry Society 2022 Federal Priority Issues document, visit [www.afsinc.org/afs-agenda-strong-metalcasting-economy](http://www.afsinc.org/afs-agenda-strong-metalcasting-economy).

## AFS EVENTS

### AFS to hold management development summit in May

Supervisors and personnel managers will build their workplace skills during the foundry industry's prime event for practical management training.

The 2022 Management Training and Development Summit will take place live at AFS Headquarters in Schaumburg, Illinois, on May 18-20. New and experienced managers, as well as human resources personnel, are invited to attend.

This in-person event features presentations from management experts from across the business and human resources community. Presenters include HR consultant Dave Ryan, whose session, "Leveraging Diversity, Equity, & Inclusion Programs

as a Competitive Advantage," will provide practical guidance on timely DEI issues; attorney Sara Eber Fowler, who will cover the year's must-know labor and employment issues; Dr. Ken Chapman of the Problem Solving Institute, who will present "The Leader's

**2022 MANAGEMENT TRAINING AND DEVELOPMENT SUMMIT**

**When:** May 18-20  
**Where:** Schaumburg, IL  
**Registration:** [afsinc.org/conferences](http://afsinc.org/conferences)

Code;" and many more speakers with insights into how managers and supervisors can shape their companies' cultures and tackle the challenges they encounter every day.

Registration includes the full program, plus a social outing with cocktails, dinner, and a fun evening at the TopGolf driving range (no experience necessary). Registration is \$700 for AFS members and \$1,400 for non-members, and AFS Corporate Members sending two attendees receive 50% off their second registrations. To view the full agenda and to sign up, visit [www.afsinc.org/conferences](http://www.afsinc.org/conferences).

## AFS WELCOMES NEW CORPORATE MEMBERS

Through Feb. 20, 2021

**AIRFOIL IMPELLERS**

**Airfoil Impellers**  
 College Station, Texas

**BALANDRA**

**Grupo Balandra**  
 Amatlán de los Reyes, Veracruz, Mexico



**Dana Incorporated**  
 Maumee, Ohio



**Equipment Manufacturers International, Inc. (EMI)**  
 Cleveland, Ohio



**Everett Industries LLC**  
 Warren, Ohio



**FOUNDRY SOLUTIONS & Metallurgical Services Inc.**  
 Foundry Solutions Metallurgical Services Inc.  
 Magog, Quebec, Canada



**General Chemical Corp.**  
 Brighton, Michigan



**IVI Inc.**  
 Greenville, Wisconsin



**Mostardi Platt**  
 Elmhurst, Illinois



**Palfinger NAM**  
 Council Bluffs, Iowa



**Refractory & Insulation Supply Inc.**  
 Eldridge, Iowa



**ROBOTICS**

**SIR Robotics**  
 Saginaw, Texas

## AFS EVENTS

**CastExpo 2022** | Columbus, Ohio | April 23-26

**2022 Management Training and Development Summit** | Schaumburg, IL | May 18-20

**2022 AFS Government Affairs Fly-In** | Washington, D.C. | June 7-8

**2022 Aluminum Casting Conference** | St. Louis, MO | June 14-16

**2022 Foundry Industry 4.0 Conference** | Itasca, IL | July 26-27

## INSTITUTE COURSES

**Metalcasting Process Basics: Live Online** | March 3

**Casting Defect Analysis: Live Online** | March 8-10

**Steel Melting 201: Live Online** | March 15-17

**Casting Design: Live Online** | March 22-24

**Gating and Riser Design 201: Live Online** | March 29-31

**Nobake Molding and Coremaking 101: Live Online** | April 6-7

## AFS ELECTED OFFICERS

**Michael L. Lenahan, President**  
Senior Industrial Sales  
Badger Mining Corp.

**Adam San Solo, Vice President**  
Vice President - Infrastructure  
Neenah Enterprises

**Bradford Muller, 2nd Vice President**  
Vice President of Marketing  
Charlotte Pipe & Foundry

**Peter C. Reich, Immediate Past President**  
Co-Owner  
LAEMPE REICH

## AFS SENIOR STAFF

**CEO**  
Doug Kurkul, [dkurkul@afsinc.org](mailto:dkurkul@afsinc.org)

**Vice President of Metalcasting Technical Services**  
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**Vice President of Marketing & Business Development**  
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**Senior Vice President for IT, Operations and Trade Shows**  
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**Director of Human Resources & Administrative Services**  
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## MEMBER CONNECTIONS STAFF

**Director of Marketing & Communications**  
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*Member Connections* is a newsletter for all current **AFS members**. Send all inquiries to Katelyn Stanek at [kstanek@afsinc.org](mailto:kstanek@afsinc.org) or 847-824-0181 ext. 286.

# Foundry E-Learning

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- 20+ modules available in Spanish
- Easy-to-use learning management system, Absorb.

Learn more at  
[www.afsinc.org/foundry-e-learning](http://www.afsinc.org/foundry-e-learning).

For a free demo, contact  
**Jen Christian** at [jchristian@afsinc.org](mailto:jchristian@afsinc.org).

See the Institute's 2022 digital catalog for module descriptions!

Check out pgs. 25-27 at [afsinc.org/2022InstituteCatalog](http://afsinc.org/2022InstituteCatalog)

