

Leadership summit to talk strategies for talent retention, preparing for the future

Metalcasters to gather for Foundry Leadership Summit

Workforce retention. Economics and finance. Reshoring and trade. Today's metalcasting leader must understand the intricacies of more than metal – they have to understand the worldwide marketplace, how public policy affects business, and so much more.

That's why, at the 2022 Foundry Leadership Summit on Sept. 18-20, leaders from all corners of the industry will gather for

Please note: Strong turnout expected.

A large metalcaster turnout is anticipated. Although the original AFS room block sold out, The Greenbrier may have additional room options available upon request – and some attendees plan to stay off-site in Lewisburg, as well.



The historic Greenbrier, which dates back to the 18th century, will host the 2022 Foundry Leadership Summit in September.

expert presentations and in-depth discussions on these important issues. This year's event, which is aimed at executives and other leaders from across the metalcasting supply chain, will take a detailed look at timely topics at the forefront of everyone's minds, particularly the talent shortage facing manufacturers, the eco-

nommic outlook as it pertains to inflation and other indicators, regulatory issues on Capitol Hill, and other hot button matters.

But the Foundry Leadership Summit is as much about networking and rejuvenating as it is about knowledge-sharing and

Please see Summit on Page 3

Research journal's impact grows for 4th consecutive year

AFS's peer-reviewed research journal continues to grow in stature and influence. For the fourth consecutive year, the *International Journal of Metalcasting*

(IJMC) improved its Impact Factor, growing 25% from 2020 to 2021. This follows subsequent increases of 34%, 33%, and 25% in the three previous years.

Impact Factor (IF) is a score that reflects how often papers are referenced in other publications, so it is a measure of how much the journal is read and cited by other researchers. Growth in IJMC's Impact Factor is an indication of the journal's increasing importance and global recognition.

The number of papers published in

Please see Research on Page 4



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Autumn opportunities with AFS

It's that exciting time of year again when college students return to campus to resume their studies. More than 40 American Foundry Society Student Chapters will be resuming their activities and programs with the support of their key professors and industry supporters. AFS chapters will be awarding scholarships to worthy students with interests in metalcasting. That's just one of many aspects of AFS programs and opportunities this autumn.

AFS members return to Milwaukee on Sept. 12-14 for the Sand Casting Conference, organized by AFS volunteers with a tremendous lineup of speakers.

The Foundry Leadership Summit will convene Sept. 18-20 at the Greenbrier Resort. The superb agenda includes sessions with economist Mark Vitner, former White House Press Secretary Ari Fleischer, resilience expert and motivational speaker Jim Davidson, business and workforce speaker Gene Marks, manufacturing speaker Stephen Gold, as well as Gordon Chang, author of the book "The Coming Collapse of China." Coupled with networking with leaders from across the metalcasting supply chain, and the historic charm of the Greenbrier, this year's Summit

is not to be missed.

AFS volunteers have planned the Advanced Cupola Concepts Workshop for Sept. 27-28 at Tell City, Indiana.

On the environment and safety

front, AFS is presenting the Safety 101 seminar in Milwaukee on Oct. 2-3, followed later that week by the 34th Environment, Health and Safety Conference on Oct. 4-6. We encourage every foundry to send at least one representative to this conference.

Speaking of safety, Ted Schorn (Enkei America) will walk AFS members through brand new OSHA safety statistics in a webinar on Dec. 6. It is one of many Members-Only Webinars already scheduled through the end of the year. These webinars are free to all members and \$250 each for non-members.

Another exciting event will be the Future Leaders in Metalcasting meeting, Oct. 10-12 in South Pittsburgh, TN. A tour of the Lodge Mfg. foundry will be one of the highlights, along

with a session with Scott Morrell, Ph.D. (Rebar Leadership), roundtable discussions, and Foundry in a Box outreach at a local school.

Most AFS technical and management committees will be holding meetings and autumn is a great time to get plugged into the exciting life of these committees. Visit [AFSINC.org/committees](https://www.afsinc.org/committees) for an overview of more than 40 member-involvement opportunities and the staff liaison for each of the divisions and shared interest groups.

Exhibit sales for Metalcasting Congress 2023 in Cleveland will open in September, with registration slated to open in November. The dates of next year's show are April 25-27, 2023.

Modern Casting magazine has four great issues in store for the rest of the year. The September issue will feature foundry industry 4.0, casting engineering, and workforce management content. In October, the magazine will focus on casting conversions, material handling, and quality control. November's issue will feature the Buyer's Guide, with information from many dozens of suppliers on their offerings. Then the December issue will have content on sand molding, core making, foundry safety and the environment, and the census of world metalcasting production.

Thank you as always for your involvement in AFS. We look forward to seeing you at an upcoming AFS event soon!

AFS chapters will be awarding scholarships to worthy students with interests in metalcasting. That's just one of many aspects of AFS programs and opportunities this autumn.



AFS announces Keating, Grede honorees

AFS recently announced the recipients of its prestigious management awards for 2022.

The selections are Jeet Radia (McWane) and Tom Teske (recently retired from EJ) for the Keating Founders' Freedom Award and Jiten Shah (PDA) for the William J. Grede Award.

Radia was selected in recognition of excellence including his extensive leadership and volunteer activity in the areas of EHS and government affairs at the Society, the expertise he has shared with countless other metalcasters, plus service on the AFS



**Jeet
Radia**

Board of Directors.

Teske was selected in recognition of excellence including his high-impact government advocacy, participation at 30 AFS Government Affairs Fly-Ins, and speaking in the panel at last year's Foundry Leadership Summit on safety from the CEO perspective, among other leadership roles. Teske will receive his award at the Foundry Leadership Summit at the Greenbrier Resort, Sept. 18-20, 2022.



**Tom
Teske**

Jiten Shah was selected in recognition of excellence including his extensive AFS technical committee service, dedication

to technical education, teaching courses for the AFS Institute, columns in Casting Source magazine, for the AFS Buyer-Designer track, work helping companies with conversions to castings, and development of the Casting Alloy Database Search (CADS) in conjunction with AFS and the American Metalcasting Consortium.

The honorees were selected by the AFS Board of Awards. AFS thanks its members for participation in the process, as many accomplished individuals were nominated. AFS congratulates these honorees.



**Jiten
Shah**

SELECTED SUMMIT PRESENTERS



Ari Fleischer
America in 2022: The Political Outlook
Former Press Secretary to President George W. Bush, Fox News commentator and communications strategist



Gordon Chang
The Future of U.S. - China Relations and Reshoring
Author and expert on U.S.-China relations



Gene Marks
The Talent Shortage: Effective Strategies and Tactics for Attracting and Retaining the Best Employees
President of The Marks Group and columnist



Stephen Gold
Strategies for Powering Manufacturing's Revival
President & CEO, Manufacturers Alliance



Jim Davidson
Everest Resilience: Overcoming Adversity and Reaching High Goals
Mountaineer and motivational speaker



Mark Vitner
Economic Outlook
Principal and chief economist, Piedmont Crescent Capital; former managing director and senior economist, Wells Fargo

Summit continued from Page 1

gaining new business intelligence. Each year, the Summit offers leaders many opportunities to network with their peers in a stunning setting, plus a friendly golf tournament and other social activities. This year's location is something truly unique: The Greenbrier, an 11,000-acre luxury retreat established in 1778 in White Sulphur Springs, West Virginia.

A National Historic Landmark, The Greenbrier has welcomed 28 U.S. presidents, including Martin Van Buren, Dwight Eisenhower, John F. Kennedy, and George W. Bush. During the Cold War, the U.S. government built a secret, secure bunker at the resort to house lawmakers in case of a nuclear attack. The bunker is now open for tours. Other attractions at The Greenbrier include golf, spa treat-

ments, swimming, tennis, whitewater rafting, Segway tours, the President's Cottage Museum, horseback riding, fishing, shooting sports, and glass-blowing demonstrations.

Registration for the Summit is open at www.AFSinc.org/conferences. Early registration discounts run through Aug. 19. To see the full agenda, visit www.AFSinc.org/2022FLS.

Lawmakers honored by AFS for industry support

Three U.S. lawmakers were honored by AFS during the 2022 Government Affairs Fly-In for their steadfast support of American metalcasters and domestic manufacturing.

Sen. John Cornyn (R-TX), Rep. Mike Gallagher (R-8-WI), and Rep. Mike Bost (R-6-IL) each received AFS's Metalcasting Industry Congressional Champion Award during a June 7 reception at the Capitol Hill Club in Washington, D.C.

"These lawmakers understand how integral the \$44 billion U.S. metalcasting industry is to our economy, our defensive readiness, and our infrastructure," said AFS CEO Doug Kurkul. "Their support for insightful policies benefit U.S. competitiveness."

Cornyn is a member of the Senate Finance, Intelligence, and Judiciary Committees. Gallagher sits on the House Armed Services and Transportation & Infrastructure Committees, and Bost also is a member of the Transportation & Infrastructure Committee.



AFS President Adam San Solo (Neenah Enterprises) emphasized how important it is for foundries to participate in the AFS Government Affairs Fly-In. He noted that building relationships with lawmakers



Top left: Texas AFS members pose with Sen. John Cornyn at the 2022 Fly-In. Top right: Rep. Mike Bost meets with Illinois AFS members. Bottom left: Wisconsin AFS Members gather with Rep. Mike Gallagher.

and their staff members in advance of key congressional votes pays off over time. Lawmakers who understand the importance of metalcasting are more likely to favor prudent policies.

AFS, industry coalition score victory on ocean shipping reform

President Biden recently signed into law the Ocean Shipping Reform Act. The AFS-backed bill boosts the investigatory authority of the Federal Maritime Commission (FMC), allowing it to probe ocean common carriers' business practices, including un-

reasonable demurrage and other charges which have skyrocketed throughout the pandemic. FMC will also receive new enforcement powers.

AFS members, as well as their suppliers and customers, have faced supply chain

disruptions and congestion at U.S. ports, as well as surging shipping rates. Passage of this bill was a priority issue emphasized in AFS letters to Congress and during congressional visits at the Government Affairs Fly-In.

AFS thanks Reps. Dusty Johnson (R-SD) and John Garamendi (D-CA), as well as Sens. John Thune (R-SD) and Amy Klobuchar (D-MN) for their leadership on this bill. We also thank all AFS members who contacted their lawmakers on this policy issue.

Research continued from Page 1

IJMC also has increased substantially in recent years. In 2017, the journal printed 83 papers. By 2021, that number had jumped to 135 papers covering all major areas of metalcasting.

"Research is at the heart of the AFS mission – and at the heart of AFS research is IJMC," said AFS CEO Doug Kurkul. "Each quarter, we have the honor of spotlighting the work of some of the metalcasting industry's leading researchers. In turn, the entire industry value chain benefits from their innovations and discoveries."

IJMC is a peer-reviewed quarterly journal focused on the transfer of research

and technology for the global metalcasting industry and is published by AFS in partnership with Springer Nature Publications. It is also the official research journal of the World Foundry Organiza-

tion. Every AFS Corporate Member receives a complimentary digital copy of each IJMC issue. Tom Prucha, former AFS VP of Technical Services, continues to serve as its Editor-in-Chief.

SUBSCRIBE TO IJMC

Subscriptions to the *International Journal of Metalcasting* are included with AFS Corporate Membership. Individual members can subscribe for a fee by contacting AFS Customer Service at customerservice@afsinc.org. Non-members can subscribe through Springer Nature at www.springer.com.

More info: www.AFSinc.org/international-journal-metalcasting

Full slate of Members-Only Webinars through year-end

Webinars are free to members, on-demand options available

One of the most popular of all AFS member benefits are the Members-Only Webinars which are free to AFS members and \$250 each for non-members. More are added constantly. Visit AFSINC.org and mouse over Events for the most current schedule!

Aug. 23: Fundamentals of Heat Treating for Cast Aluminum

The heat treatment of aluminum castings – specifically the precipitation hardening treatment - can be complicated. Join casting expert Jon Dossett for this program.

Aug. 24: OSHA's Increased Focus on Heat-Related Hazards & What it Means for US Foundries

This webinar featuring AFS member and attorney Ed Foulke will discuss: How OSHA has ramped up investigations into heat-related injuries in foundries; Requirements and enforcement of the new National Emphasis Program (NEP) for heat-related hazards; 3) What OSHA is looking for during a heat inspection; 4) Importance of a written program; 5) Common contributions to heat stress and how to prevent it in employees; 6) Information that must be included in employee and management training in order to effectively implement a heat stress program, and; 7) Status of OSHA's heat illness rulemaking process.

Aug. 31: Inspection with 3D Scanning

Join AFS and J.D. Schaumburg to glean information on the use of 3D scanning to assist with casting design, analysis of failed parts and better understanding of machining needs for castings.

Sept. 15: AFS Casting Connection – A "How-To"

Katie Matticks (AFS) will provide a tutorial on how to make the most of the AFS online community, Casting Connection. From committee activity to tech-



nical ask-a-question, answer-a-question, we invite you to make the most of this unique and popular resource.

Sept. 20: How Any Foundry Can Diversify Into Lost Foam Casting at Negligible Cost

Sarah Jordan (Skuld LLC) will address this timely technical topic.

Sept. 22: Spotlight on Women in Metalcasting Awards

Join us for a webinar with Lizeth Medina-Balliet (Neenah Enterprises), 2022 Women in Metalcasting Award for Excellence recipient, and Maria Alverio (Company), 2022 Jean Bye Women in Metalcasting Scholarship recipient. The discussion will be moderated by Michelle Ring (American Colloid).

Oct. 18: 2022 Hoyt Memorial Lecture, 7 Keys to Long-Term Success – Lessons From a 50-Year Career

If you missed the 2022 Hoyt Lecture at CastExpo featuring Jean Bye (Dotson Iron Castings) here is your opportunity to view it again in webinar format. Jean offers price-



Lizeth Medina-Balliet



Jean Bye

less wisdom from her career that we can apply to our own careers.

Oct. 25: Lost Foam Stainless Steel

This webinar is an update to an exclusive AFS research project whose purpose is to scientifically produce ASTM A351 Grade CF8M, one of the most widely used stainless steels in the pump and valve industry, so that the lost foam process can pursue the market. AFS member Marshall Miller will be the presenter.



Marshall Miller

Dec. 6: Foundry Safety Trends

Join AFS and Ted Schorn (Enkei America) as Ted reviews the newly released Bureau of Labor Statistics safety data. Ted will break it down for us, ferrous versus non-ferrous, foundry versus general manufacturing, and also take into account considerations related to the second year of covid-19.



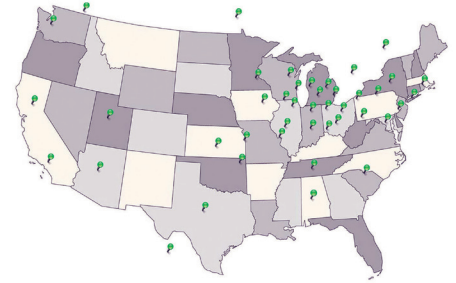
Ted Schorn

Miss a webinar? No problem. Visit the Archived Webinars section of the AFS website at www.AFSinc.org for on-demand playbacks at your own convenience.

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 or email Ben Yates at byates@afsinc.org.

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



MIDWEST

CAC-Ohio

(Cleveland/Akron/Canton, Ohio region)
<http://cacohioafs.org> The CAC-Ohio Chapter's annual "DRAG Out Your Irons Memorial golf outing is Sept. 23 at Ridge Top Golf Course in Medina. Sponsorships are available.

Central Illinois

Central Indiana

<https://afscic.org>
The Central Indiana Chapter held a golf outing on Aug. 13 at Royal Hylands in Knightstown.

Central Michigan

<https://www.facebook.com/afscentral-mi>

Central Ohio

<http://www.afscentralohio.org>
The Central Ohio Chapter's Annual Golf Outing was June 4.

Chicago

<https://www.chicagoafs.org>

Detroit/Windsor

<https://afsdetroit.square.site>
The D-W Chapter's Annual Golf Outing, held jointly with the ASM Detroit Chapter, was Aug. 12 in Canton, Michigan.

Hawkeye

(Iowa region)

<http://afshawkeye.wixsite.com/afshawkeye>
The Hawkeye Chapter's golf outing was July 9 in Waterloo, Iowa.

Mo-Kan

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

Northeastern Wisconsin

<http://www.afsnew.org>
The NEW Chapter's 12th Annual Robert Roloff Memorial Golf Outing was on Aug. 12.

Northern Indiana

<http://www.afsnin.org>
The Northern Indiana's 83rd Annual Golf Outing was July 16 at Eagle Glen Golf Course in Columbia City.

Plains States

(Great Plains region)

Saginaw Valley

<http://www.saginawvalleyafs.org>
The Saginaw Valley Chapter's 71st Annual Golf Outing was June 4 in Saginaw, Michigan. The chapter followed that event with a Foundry-in-a-Box demonstration on June 9.

Southwestern Ohio

St. Louis

<http://afsstl.org>

Stateline

(Northern Illinois/Southern Wisconsin region)
The Stateline Chapter hosted a golf outing in Poplar Grove, Illinois, on June 17.

Toledo

Tri-State

(Oklahoma/Kansas/Arkansas region)

Twin Cities

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

Western Michigan

<http://westmichiganafs.com>
The Western Michigan Chapter held its 83rd Annual Golf Outing on Aug. 6 at Chase Hammond Golf Course in Muskegon. Funds from the outing are earmarked for the chapter's educational assistance for students.

Wisconsin

<https://www.wisconsinafs.org>
The 2022 AFS Wisconsin Golf Outing was Aug. 5 at Muskego Lakes Golf Club. This event included 18 holes with a cart, prizes, and a pig roast dinner.

EAST

Central New York

Mid-Atlantic

<https://midatlantic.afschaptersites.com>
The Mid-Atlantic Chapter's Crab Feast will be Aug. 27.

New England

<http://www.newenglandafs.com>
The New England Chapter held its golf tournament on June 3 in Charlton, Massachusetts.

CHAPTER OFFICERS CONFERENCE 2022



AFS Chapter leaders gather on Aug. 9 at AFS HQ in Schaumburg, Illinois, for the Chapter Officers Conference. They discussed successful recruitment and meeting strategies, enjoyed an evening at TopGolf, and heard a presentation from AFS President Adam San Solo.

Northwestern Pennsylvania

<http://www.nwpaafs.org/index.html>
The NWPA Chapter's golf outing was July 21 in Cambridge Springs, Pennsylvania.

Pittsburgh

<https://www.facebook.com/AFSPITT>
The Pittsburgh Chapter's golf outing was June 15 in Elwood City, Pennsylvania.

SOUTH**Birmingham District**

(Alabama region)
<https://www.afsbirmingham.com>
<https://www.facebook.com/afsbham>
The Birmingham Chapter's Dunning-Horton Golf Outing & Past Chair Meeting was Aug. 13 at Highland Park Golf Course in Birmingham.

Piedmont

(Southeast U.S. region)
<http://afspiedmont.org>
On Sept. 30-Oct. 1, the Piedmont Chapter will host a meeting in Blacksburg, Virginia that will include a tour of

VT-FIRE. The topic will be Data Collection & Verification plus Past Chairman's Night.

Tennessee

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

Texas

<http://www.afstexas.org>
The Texas Chapter's 2022 Combined Family Outing & Jerry Nagel Golf Classic was June 3-4 in Boerne, Texas.

WEST

Northern California
<http://www.afsnorcal.org>

Southern California

<http://www.afssocal.org>
On Aug. 12, the AFS Southern California Chapter hosted its annual industry golf tournament with co-hosts NADCA Chapter 30 in Chino Hills.

Utah**Washington****MEXICO****North Mexico****CANADA****British Columbia**

<http://afsbcc.ca>

Detroit/Windsor

<https://afsdetroit.square.site>
The D-W Chapter's Annual Golf Outing was Aug. 12 at Fellows Creek Golf Club & Banquet Center in Canton, Michigan. The event was co-hosted with Detroit ASM and supports both groups' educational efforts.

Eastern Canada

<http://www.afsestcanada.org>

Ontario

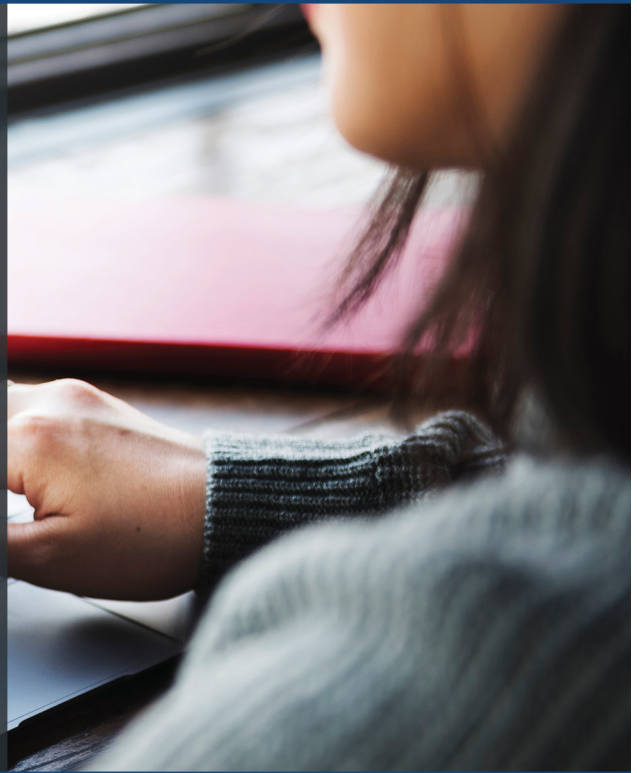
<http://afsontario.ca>
The Ontario Chapter's Golf Classic was June 3 in Guelph.

AFS Institute

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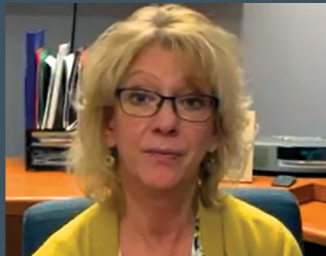
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Rex Ragsdale
CEO
Decatur Foundry



Jane Fischer
Manager of Training &
Development
Waupaca Foundry



Jordan Brown
Vice President
BCI Solutions, Inc.

Contact **Jen Christian**, Director of Training Solutions, at jchristian@afsinc.org, to discuss
your foundry's training needs or to schedule a free, no-obligation demonstration.

Fall conferences to tackle management, technical topics

Important topics ranging from leadership to foundry safety will be at the forefront of a full slate of AFS conferences and summits planned for this fall.

The **2022 Sand Casting Conference** in Milwaukee, Wisconsin, runs Sept. 12-14. This conference will cover the latest in sand casting technology. Led by experts in green sand casting and chemically bonded molds and cores, attendees will learn practical tools to improve sand processes.

The **2022 Foundry Leadership Summit** in White Sulphur Springs, West Virginia, follows on Sept. 18-20. Leaders from across the metalcasting industry will hear from highly rated speakers, engage in thought-provoking discussions, and network with one another. The conference takes place at the beautiful and historic Greenbrier Resort and features many amenities to enjoy including golf,

fishing, and whitewater rafting, just to name a few.

At the **2022 Advanced Cupola Concepts Workshop** in Tell City, Indiana, on Sept. 27-28, attendees will discuss cupola issues and operations, learn how to reduce variations, and improve the quality of an iron melt. Attendees will also have the chance to tour a Waupaca Foundry plant.

Metalcasting safety and EHS are at the center of two consecutive events in Milwaukee, Wisconsin. The **2022 Safety 101 Seminar** takes place on Oct. 2-3. Attendees will learn the essentials of metalcasting health and safety. Topics include OSHA regulations and visits, industrial hygiene, emergency planning, incident investigations, and more. This conference is ideal for people who are relatively new to the field.

Directly following the Safety 101 Seminar is the **34th Environmental, Health and Safety Conference** on Oct. 4-6. Professionals from across the industry will discuss successful foundry case studies and best practices, explore issues with industry experts, and discover EHS equipment and services from leading vendors.

Finally, the **2022 Future Leaders of Metalcasting Meeting** takes place in South Pittsburg, Tennessee, from Oct. 10-12. Attendees will learn how to assess their emotional intelligence skills as leaders and how to cultivate a strategic professional network. This event includes a full tour of Lodge's manufacturing facilities and the new Lodge Cast Iron Museum.

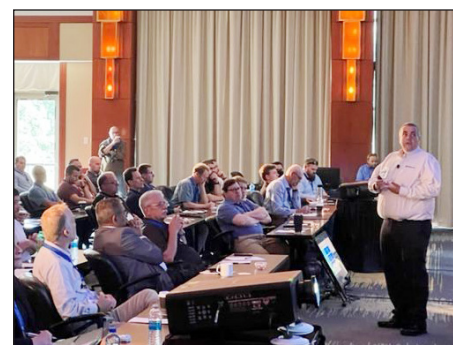
Registration for all these conferences can be found at www.AFSinc.org/conferences.

Engineering & Smart Manufacturing Division organizes Foundry 4.0 Conference

David Blondheim (Mercury Marine) kicked off the Foundry Industry 4.0 conference in Itasca, Illinois, with nine key concepts of Industry 4.0: 1) Computer Modeling; 2) Virtual & Augmented Reality;

3) Additive Manufacturing; 4) Software Integration; 5) Sensors & Data Collection; 6) Automation & Robotics; 7) Data Storage & Cloud; 8) Cybersecurity; and 9) Data Analytics, AI and Machine Learning. More than 110 people from across the metalcasting supply chain were on hand for the conference, which featured more than 20 expert speakers.

AFS thanks the Engineering & Smart Manufacturing Division for organizing the conference. Thanks also to the conference sponsors: Alu-Bra Foundry, B&L Information Systems, Buck Company, EC&S, Guardian Software Systems, LAEMPE REICH, MPM



Infosoft, Product Development & Analysis, REFCOTEC, Rockwell Automation, and Sinto America.

SAFETY & HEALTH

AFS report details ways to prevent heat stress in foundries

A comprehensive report from the AFS Safety & Health Committee which provided the basis for an ASTM Standard details how metalcasters can prevent and manage heat-related illness during hot weather and other situations that can cause heat stress.

"Foundry Approaches to Control the Heat Exposure of Workers" is an 81-page report documenting the specific ways in which foundries have established

successful heat exposure control measures. It also explains many must-know heat-related topics for metalcasters – particularly those who work in the EHS field – such as warning signs of excessive heat strain in workers, responsibilities for implementing heat exposure control programs, and the causes and challenges of heat stress in metalcasting facilities.

This report, commissioned and compiled by the AFS Safety & Health Com-

mittee Program to Prevent Heat-Related Illness in Foundries, was used to author ASTM Standard E3279 – 21, Standard Guide for Managing Heat Stress and Heat Strain in Foundries, published in May 2021.

In April 2022, OSHA launched a National Emphasis Program for heat-related hazards.

"Foundry Approaches to Control the Heat Exposure of Workers" is provided for free to all AFS members. Non-members may purchase the report for \$20. To download a copy of the report, visit www.AFSinc.org/store.

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Through Aug. 10, 2022



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Santa Ana, CA



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Ashland, PA



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Bristol, IN



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Cedar Falls, IA



Lighthouse Worldwide Solutions
Medford, OR



Ramsden Industries Ltd.
London, ON, Canada



Wisconsin Precision Casting
Lake Geneva, WI



X1 Safety LLC
Troy, MI

AFS EVENTS

Sand Casting Conference | Milwaukee, WI | Sept. 12-14
2022 Foundry Leadership Summit | White Sulphur Springs, WV | Sept. 18-20
2022 Advanced Cupola Concepts Workshop | Tell City, IN | Sept. 27-28
2022 Safety 101 Seminar | Milwaukee, WI | Oct. 2-3
34th Environmental Health & Safety Conference | Milwaukee, WI | Oct. 4-6
2022 Future Leaders of Metalcasting Meeting | South Pittsburg, TN | Oct. 10-12

INSTITUTE COURSES

Steel Metalcasting 101: Live Online | Aug. 18-19
Iron Metallurgy 201 | Schaumburg, IL | Aug. 24-25
Casting Defect Analysis | Schaumburg, IL | Aug. 30-31
Casting Cost Estimating: Live Online | Sept. 7-9
Gating and Riser Design 201 | Schaumburg, IL | Sept. 15-16
A Selling Framework Bootcamp | Schaumburg, IL | Sept. 22-23

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Member Connections is a newsletter for all current **AFS members**. Send all inquiries to Katelyn Stanek at kstanek@afsinc.org or 847-824-0181 ext. 286.



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