

MAY 2022

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The Woodside Lecture

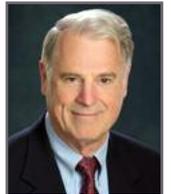
The Golden Age of Metallurgy, Our Rich Heritage

The last century witnessed an explosive growth in metals processing, testing, and research techniques. This was the "The Golden Age of Metallurgy," which provided a rich legacy for metallurgical and materials engineers today. The pioneers and their contributions are noted, and the reasons for the abandonment of research by steel companies are given.

Biography: Dr. Sponseller, President, OMNI Metals Laboratory, Ann Arbor (Detroit Sustaining Member), was educated in metallurgy at the U. of Notre Dame and U. of Michigan. Early in his career he taught at the Naval Academy, the U. of Michigan, and the U. of Notre Dame. He spent 22 years at the Climax Molybdenum laboratory, developing high-temperature and sour-service alloys. There he developed heat resistant ductile iron for diesel exhausts, and the #1 steel for high-strength casing used in deep sour oil/gas wells. After the Climax lab closed in 1987 he has operated an independent laboratory in Ann Arbor. His lab first performed 450 failure analysis studies for Ford Motor. More recently his OMNI Metals Laboratory has specialized in certifying the crack resistance of sour-service oil well casing for major pipe producers and oil/gas companies. He chaired the NACE Work Group on DCB testing for 37 years. David has written more than 40 technical papers, and holds six U.S. patents. He chaired the former Detroit Section of AIME and is a fellow of ASM.



Speaker
Dr. David Sponseller, FASM
President, OMNI Metals Laboratory



Tech Chair
Richard B. Gundlach, FASM
Sr. Metallurgical Engineer
Element Materials Technology



William Park Woodside

About The William Park Woodside Lecture

William Woodside will best be remembered for his success in promoting the free exchange of metallurgical information. Woodside, more than any individual, was responsible for the creation of ASM. Because of his contributions to ASM, we honor this distinguished alumnus with the annual Woodside Lecture.

Recognizing that in a dynamic industry there was a real need for the transfer of, previously jealously-guarded, trade secrets, Bill Woodside set out to organize a club which would stimulate a mutual exchange of ideas. In October 1913, the Steel Treater's Research Club was born in Detroit with 18 members. The club prospered and in 5 years had over 1,200 members including a contingency from Chicago. The society was renamed the American Society for Metals in 1933.

Of all his many accomplishments, he was proudest of the role he played in the spreading of knowledge. ASM is a living monument to the basic integrity of this idea. The annual Woodside Lecture serves to remind us the tone of the prime purposes of ASM is to promote the free exchange of metallurgical information.

2022 Woodside Lecture Monday, May 9, 2022

Speaker: **Dr. David Sponseller, FASM, Omni Metals**

Topic: **"The Golden Age of Metallurgy, Our Rich Heritage"**

Location: **The Burton Manor, 27777 Schoolcraft, Livonia, MI 48150**

Social Hour 5:30 pm • Dinner 6:30 pm • Announcements 7 pm • Speaker 7:15-8 pm

Special welcome back rate of \$20 a person with a reservation* (\$5 for Students)

For reservations e-mail to asmdetroitchapter@gmail.com before Friday, May 6th.

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Dan Baker
ASM Detroit Chapter
Chair, 2021-22

Chair's Note

Is it just me or has this year flown by for you too? It is hard to believe that we are already wrapping up our program year and my time as chair is coming to an end. It certainly has been an interesting year. Thank you all for the support through the lingering effects of the pandemic and transitioning from virtual meetings to being back live and in-person at our dinner meetings. It really has been great seeing everyone come out and support our meetings. The joint meeting with AFS Detroit Windsor was a huge success and I thank all of you who were able to attend make it one of our larger gatherings under any circumstances.

The final meeting of the program year is coming up on May 9. As is our tradition, this will be our Woodside Lecture. This distinguished lectureship is named for William Woodside who helped established the very beginning of ASM, then called the Steel Treaters Club in 1913. Additional details of the history of both Woodside and our chapter can be found on the chapters website: [Click here](#). This year's lecture will be provided by David Sponseller and further details can be found on page 1 of this newsletter.

As I wrap up my time as chair, I would like to thank the board for all their hard work and support as we continued the virtual meetings and transitioned back to in-person meetings. It is only through the support of these volunteers that your chapter is able to bring the great programming and community you have come to rely on. With that said, voting information for the next slate of officers can be found on page 3. If you would like to help shape the future of our programming and chapter, please reach out to any of us on the board to learn more and volunteer for a position. This chapter and organization would NOT be what it is today without our great volunteers and leaders over the years.

Thank you for giving me the opportunity to serve as the chair. I look forward seeing you all and watching the chapter continue to thrive in the future.

2021-2022 ASM Detroit Chapter STEM Outreach Sponsor!



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Thanks to Fluxtrol's generous donation we are able to offset the dinner cost at our monthly chapter dinner meetings for our STEM Outreach attendees. These attendees include: Teacher Scholarship Winners, University Scholarship Winners, Community College Scholarship Winners, Metro Detroit Science Fair Winners, and ESD Future City Winners.

College and university students can also attend our ASM Detroit Chapter dinner meetings for just \$5 thanks to this generous donation!

The ASM Detroit Chapter Thanks It's Sustaining Members for Their Continued Support!

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Thanks To Our Social Hour Sponsor, Dubois Chemicals!

We are pleased to announce that DuBois Chemicals will sponsor the social hour event for our May 9th meeting. We sincerely appreciate their support. Park Chemical of Detroit, MI (founded by William Park Woodside) was acquired by Heatbath Corporation in 1992 and subsequently acquired by DuBois in 2015. Park was established in 1911 and DuBois in 1920 - collectively that's over 200 years of commitment to the heat treating and metal finishing industries. In terms of innovation, integrity and service, DuBois is the undisputed leader. We offer the widest selection of molten salt technologies, oil quenchants and polymer quenchants. Products include brazing salts, rubber curing salts, stop-offs, descaling salts and more. In addition, DuBois specializes in the manufacture of metal finishing products including cleaners, black oxides, plating brighteners, phosphate coatings and rust preventatives for post heat treatment processes. Our experienced technical service professionals are dedicated to continuous improvement and development of new products and processes. Our ultimate objective is to assist our customers to identify "best possible" solutions to all of their production challenges and quality requirements. With over 450 products to choose from, you can rely on the expertise of DuBois for the highest quality standards and unsurpassed value.



Voting Ballot Link for Our 2022-2023 ASM Detroit Chapter Officers

It's that time of year to cast your votes for the ASM Detroit Chapter Board Officers for the 2022-2023 Chapter Officers, please [click here](#). You will be directed to the voting ballot on Survey Monkey. **Please vote by May 31st**. If you wish to receive a paper copy of the ballot to mail-in, please email Julie at asmdetroitchapter@gmail.com. *Please note: you must be an ASM Detroit Chapter member in good standing to vote.*

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2021-2022 ASM Detroit Chapter UPCOMING EVENTS

Monday, May 9, 2022

Woodside Lecture

Speaker: Dr. David Sponseller, FASM, Omni Metals

Topic: "The Golden Age of Metallurgy, Our Rich Heritage"

Location: The Burton Manor, 27777 Schoolcraft, Livonia, MI 48150

Friday, August 12, 2022

ASM and AFS Golf Outing

Fellows Creek Golf Course, Canton, MI

9:00 AM Shotgun Start

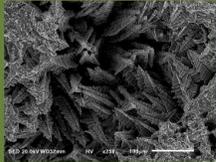


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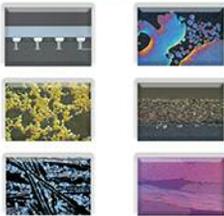
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April Meeting

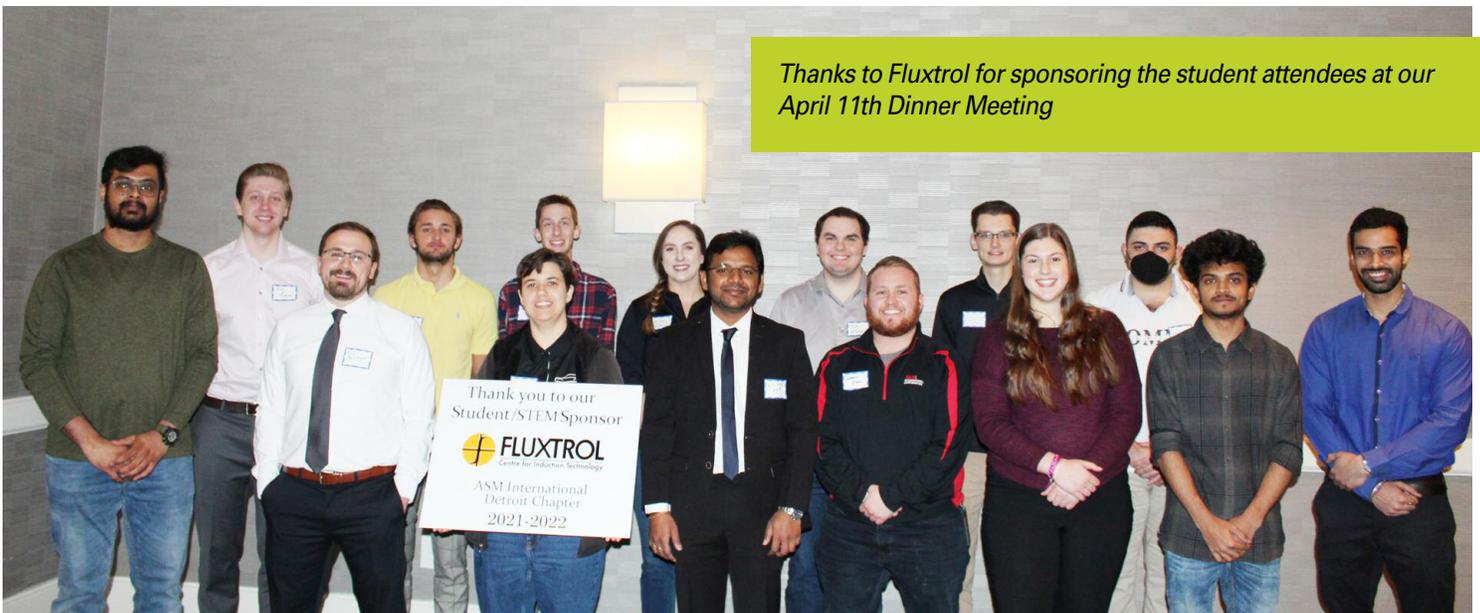
Thanks to our speakers at the April 11th joint meeting!
From Left to Right
Paul Jones (Current AFS Chair),
James Boileau (April 11th Technical Chair),
Richard Gundlach (April 11th Co-Speaker),
John Tartaglia (April 11th, Co-Speaker) and
Daniel Baker (Current ASM Chair)



It was so nice to see everyone at our April 11th joint meeting with AFS! We had over 60 attendees at the Livonia Marriott



Thanks to Fluxtrol for sponsoring the student attendees at our April 11th Dinner Meeting





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