

ASME ICE DIVISION NEWS

FEBRUARY 2025



INTERNAL
COMBUSTION ENGINE
DIVISION

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Message from the Division Chair

Kelly Senecal



As Chair of the ASME Internal Combustion Engine Division, I am honored to address you in this edition of our newsletter.

First and foremost, I want to express my gratitude to each of you for your dedication and commitment to the Division. Your passion and expertise are the driving forces behind our collective success,

and I feel privileged to lead such a dynamic and accomplished group of individuals.

Reflecting on the accomplishments of the past year, our 2024 ICE Forward conference in San Antonio was a tremendous success. My sincere appreciation goes to conference chair, **Dustin Osborne**, and conference co-chair, **Scott Curran**, for their leadership in organizing the event. The conference not only showcased cutting-edge advancements in the field but also fostered meaningful connections among professionals from diverse backgrounds. Dustin will provide a detailed synopsis of the event later in this newsletter.

I am delighted to share that our webinar series, “The Future of the Internal Combustion Engine”, continues to thrive, serving as a valuable platform for knowledge exchange and professional development. This success is a testament to the active engagement and enthusiasm of our members. I encourage you to participate in these insightful sessions to stay informed about the latest industry trends. A special thank you to the webinar committee members for their efforts in ensuring quarterly content.

At the core of our division is a commitment to creating an environment where participants can freely discuss and exchange information related to the science and engineering of internal combustion engines and low-carbon fuels. We take pride in advocating for diversity in gender, race, and thoughts within our leadership and associates, demonstrating our steadfast dedication to inclusivity. To this end, we launched the Women in ICE (WICE) committee at the 2024 ICE Forward Conference. WICE’s mission is to increase the presence of technical

women at ASME ICEF to 15% by 2030. If you’re interested in WICE, please reach out to WICE Chair Dr. **Cathy Choi**.

Looking ahead, we envision our division playing a pivotal role in accelerating innovation and facilitating international collaboration. To contribute to the decarbonization goals set by nations worldwide, we plan to expand our reach within Europe and Asia. Despite the challenges and discussions surrounding combustion engines, our division and associates continue to grow, underscoring the resilience and significance of our shared mission. Our newly formed ICE Forward Ambassador group includes prominent researchers who help promote our division and the ICE Forward Conference on a global scale.

As we move forward, I urge each of you to actively participate in our division’s activities and consider volunteering your time when possible. Your involvement is crucial to maintaining the vibrancy of our community and furthering our impact in the field.

In closing, I am immensely thankful for the opportunity to serve as Division Chair over the last year (and through July 2025). It has been a journey of continuous learning, collaboration, and, most importantly, fun. Together, let us embrace the future with enthusiasm and dedication to the advancements that await us. Together, let’s keep moving ICE forward.

Ready to dive deeper into the thrilling world of internal combustion engine innovation? The ASME ICE Division has been hosting a captivating series of free webinars titled “Future of the Internal Combustion Engine”, and it’s been a resounding success for three years and counting! This series has explored groundbreaking technical topics and highlighted some of the brightest minds in the industry.

The [2025 webinar series](#) promises to be exciting, with a lineup of exciting technical topics. Future discussions will cover abnormal hydrogen combustion, motorsports racing, and a groundbreaking webinar designed specifically for students, focusing on the essential skillsets for the future ICE engineer.

Free [registration](#) to upcoming webinars and access to on-demand recordings of past sessions through this link. If you have any questions or want to propose future topics, feel free to reach out to anyone on the [ICED Webinar Committee](#). Let’s shape the future of internal combustion engines together!



The ICE Forward Conference with Rail Transportation Symposium 2025

ASME's [ICE Forward Conference \(ICEF 2025\)](#) will be held in **Milwaukee, Wisconsin**, a hub of engine systems development, **October 19–21, 2025**. Don't miss this opportunity to showcase your research at the leading conference on internal combustion engine systems and take the next step in advancing your career and network.

Call for Abstracts

Submit your abstracts for ICEF 2025 today!

[SUBMIT HERE](#)

Important Dates

Technical Paper Abstracts: **February 21**

Full-Length Papers: **April 21**

Presentation-only Abstracts: **June 17**



ASME ICEF/RTS 2025

THE ICE FORWARD CONFERENCE WITH RAIL TRANSPORTATION SYMPOSIUM 2025

OCTOBER 19-21, 2025

SHERATON MILWAUKEE BROOKFIELD HOTEL
MILWAUKEE, WI, USA

ICE Forward 2024: Revving Things Up on the Riverwalk

Dustin Osborne



From October 20–23, 2024, the ASME Internal Combustion Engine Division brought the internal combustion community together for the annual ICE Forward Conference, held at the stunning Westin Riverwalk in San Antonio, Texas. With a record number of attendees from across the globe, the conference showcased groundbreaking innovations, fostered meaningful collaborations, and solidified its reputation as a premier event for ICE professionals.

San Antonio’s iconic Riverwalk served as a vibrant setting for this year’s gathering. The event kicked off with a Welcome Reception and Technical Poster Session on Sunday evening, where participants shared their research with attendees over refreshments, setting a collegial tone for the week ahead.



ICEF 2025 Poster Session

The conference officially began on Monday with opening remarks by ASME leadership and keynote speaker Dr. **Charles Roberts, Jr.**, Executive Director of

Commercial Vehicle Systems at SwRI. His presentation, “Realities of the Evolution of the Transport Industry”, examined the intersection of advanced ICE technologies, hybrid systems, and alternative fuels as viable solutions for decarbonizing transport sectors.



Charles Roberts (Southwest Research Institute)

This year’s conference featured the most extensive technical program yet. There were 28 technical sessions scheduled throughout Monday and Tuesday, which included 119 presentations spanning seven technical tracks:

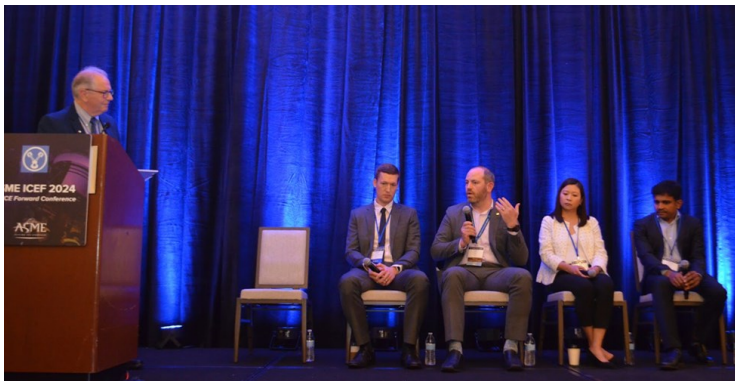
- Off-Road Engine Systems
- Fuels and Carbon Management
- Advanced Combustion, Flows, and Sprays
- Powertrains, Hybridization, and Engine Controls
- Emissions Control
- Modeling and Simulation
- Design, Lubrication, and Thermal Management

The annual ICE Division Undergraduate Student Competition underscores the importance of supporting emerging talent in the ICE community. This year’s winners, **Joseph Jacobs** (Texas A&M University) and **Alfie**



Drew (University of Oxford), impressed the audience during Monday’s luncheon with presentations of their research: “Life-cycle Analysis for Passenger Car CO₂ Comparisons in the EU” (Drew) and “A Novel Method for Measuring Laminar Flame Speed of Engine Lubrication Oil Mist in Air” (Jacobs).

The conference also featured two dynamic expert panel discussions. The first panel, titled “Low-Carbon Fuels for Engines”, took place Monday afternoon. Moderated by Professor **André Boehman** (University of Michigan–Ann Arbor), the panel included **Scott Curran** (Oak Ridge National Laboratory), **Christopher P. Kolodziej** (Argonne National Laboratory), **Kesavan Ramakrishnan** (Cummins Inc.), and **Diep Vu** (Marathon Petroleum Company). Discussions delved into advancements in hydrogen, e-fuels, and biofuels, with experts addressing real-world challenges and opportunities in scaling these technologies.



“Low Carbon Fuels for Engines” Panel

(L–R): **André Boehman** (University of Michigan), **Christopher Kolodziej** (Argonne National Laboratory), **Scott Curran** (Oak Ridge National Laboratory), **Diep Vu** (Marathon Petroleum), and **Kesavan Ramakrishnan** (Cummins)

The Honors and Awards Banquet on Monday evening celebrated exceptional achievements in the field of internal combustion engines. A detailed summary of the honorees and their contributions is included in this newsletter.

One of the highlights of the conference was the ASME ICE Division Distinguished Lecture delivered by **Roy J. Primus**, retired Senior Principal Engineer from GE Research. In his presentation, “Four Decades of ICE R&D:



Roy Primus (GE Global Research, Retired)

Reflections, Observations, and Lessons Learned”, Primus shared invaluable insights from his extensive career in reciprocating engine research. The lecture was less a technical retrospective and more a masterclass in career advice and problem-solving wisdom. Drawing from his vast experience, Primus shared key lessons on navigating complex challenges, fostering innovation, and building impactful collaborations. His thoughtful reflections inspired attendees to approach their own work with a fresh perspective on problem solving and career shaping.

The second expert panel discussion, titled “The Future of ICE in the North American Rail Industry”, took place Tuesday afternoon. Moderated by **Steven G. Fritz** (Southwest Research Institute), panelists included **Eric Dillen** (Wabtec Corporation), **Justin Blomenberg** (Cummins Inc.), and **Cathy Choi** (Knoxville Locomotive Works). The session explored challenges in modernizing locomotive fleets and implementing low-carbon solutions.

The conference concluded Wednesday with a choice of two exciting activities: a technical tour of Southwest Research Institute (SwRI), or the inaugural ASME ICE Division Short Course. The tour showcased SwRI’s state-of-the-art engine laboratories and included the following highlights: a Class 8 hydrogen-fueled ICE powered





“The Future of ICE in the North American Rail Industry” Panel Discussion

(L–R): Steven Fritz (Southwest Research Institute), Eric Dillen (Wabtec), Cathy Choi (Knoxville Locomotive Works), and Justin Blomenberg (Cummins)

demonstration vehicle, hydrogen-ICE emissions and performance test cells, diesel engine emissions certification laboratory, aftertreatment evaluation and aging test rig, large engine test facility, and fuel and lubricant standardized testing laboratories. The inaugural short course, titled “A Pragmatic Approach to Low-GHG IC Engines”, was instructed by none other than Dr. **David Foster** (University of Wisconsin–Madison, retired) and **Kevin Hoag** (SwRI).

ICE Forward 2024 was made possible through the incredible support of our sponsors and local host, whose contributions were vital to the event’s success. This year, we are proud to recognize Engine Technology Forum as a Platinum-level sponsor, exemplifying a deep commitment to advancing internal combustion engine innovation. Our Gold-level sponsors — Horiba, Cummins, Converge CFD Software, MAHLE Powertrain, the Clemson University International Center for Automotive Research, and the University of Wisconsin–Madison Col-

lege of Engineering — played an essential role in making this conference successful. We also extend our thanks to our Silver-level sponsors: Cambustion, ClearFlame Engine Technologies, Realis simulation software, Michigan Tech Global Campus, the United States Council for Automotive Research (USCAR), and Southwest Research Institute (SwRI), for their valuable contributions. A special acknowledgment goes to Southwest Research Institute not only for their sponsorship but also for serving as the local host and facilitating the technical tours.

ICE Forward 2024 not only highlighted the latest advancements in the field but also emphasized the critical role ICE technology continues to play in achieving sustainable-energy goals. With an eye on the future, attendees left San Antonio with renewed inspiration to tackle the challenges of decarbonization while advancing ICE innovation. As we look forward to ICE Forward 2025 in Milwaukee, we thank all speakers, sponsors, and volunteers for making 2024 a resounding success.



2024 Honors and Awards

At the 2024 Honors and Awards Banquet in San Antonio, Society-level awardees were photographed with ASME President **Susan Ipr-Brown** and ASME Executive Director and CEO **Tom Costabile**; Division-level awardees were photographed with ICED Chair **Kelly Senecal** and ICED Honors and Awards Chair **Riccardo Scarcelli**.

2024 GEORGE WESTINGHOUSE MEDAL

The George Westinghouse Medals were established to recognize eminent achievement or distinguished service in the power field of mechanical engineering.



Robert Wagner
Oak Ridge National Laboratory

2024 ASME INTERNAL COMBUSTION ENGINE AWARD

The Internal Combustion Engine Award recognizes eminent achievement or distinguished contribution over a substantial period of time, which may result from research, innovation, or education in advancing the art of engineering in the field of internal combustion engines; or in directing the efforts and accomplishments of those engaged in engineering practice in the design, development, application, and operation of internal combustion engines. In 1966, by bequest, the Diesel and Gas Engine Power Division established this award.

Citation: "For advancing the state-of-the-art of internal combustion engines for over 40 years through tremendous contributions in engine development, industry-leading analysis techniques, and educating and mentoring engineers."



Zoran Filipi
Clemson University

2024 DEDICATED SERVICE AWARD

The ASME Dedicated Service Award honors unusual dedicated voluntary service to the Society marked by outstanding performance, demonstrated effective leadership, prolonged and committed service, devotion, enthusiasm and faithfulness.



Award winners (L-R): **Ronald Grover** (General Motors),
Kelly Senecal (Convergent Science)



INVITED LECTURE APPRECIATION

Each year we invite a distinguished member of the ICE community to provide an invited lecture at the ICE Forward Conference.

Title: **“Four Decades of ICE R&D: Reflections, Observations, and Lessons Learned”**



Roy Primus

Senior Principal Engineer (Retired)
GE Global Research

BEST PAPER AWARD — 2023 ICE FORWARD

Chad Koci — Caterpillar, Inc.

Radoslav Ivanov — R-Flow Ltd.

Jay Steffen — Caterpillar, Inc.

Jeremy Adams — Caterpillar, Inc.

Rich Kruswyk — Caterpillar, Inc.

Tim Bazyn — Caterpillar, Inc.

Lauren Duvall — Caterpillar, Inc.

Robert McDavid — Caterpillar, Inc.

Marc Montgomery — SuperTurbo Technologies

Jason Keim — SuperTurbo Technologies

Tom Waldron — SuperTurbo Technologies



Chad Koci

Caterpillar, Inc.

BEST PRESENTATION — 2023 ICE FORWARD

Andreas Frehn — Materion Brush GmbH

“Application of Modal Decomposition Techniques to Characterize the Internal Nozzle Flow of a Medium-Duty Diesel Injector Operating with Gasoline-Like Fuels”



Andreas Frehn

Materion Brush GmbH



2024 MERITORIOUS SERVICE AWARD

The Meritorious Service Award honors loyal service, guidance, leadership, and worthy contributions to the progress of the Division.



Vitaly Prikhodko
Research Staff
Oak Ridge National Laboratory



Josh Pihl
Division Director
Oak Ridge National Laboratory



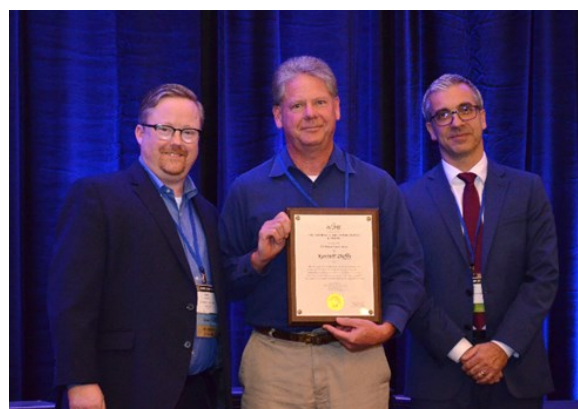
Gokul Vishwanathan
Program Manager
US Department of Energy

2024 ENGINE IMPACT AWARD

This Division award honors internal combustion engine related research and development that has been put into practice towards a commercial product developed by industry. This award is specifically created to recognize researchers in industry who have made tremendous contributions to the ICE community.



Keith Richards
Vice President, Convergent Science



Kevin Duffy
Division Manager, Caterpillar

2024 EARLY CAREER AWARD

This award is specifically created to recognize early career researchers in academia, national labs, and industry who have made tremendous contributions to the ICE community.

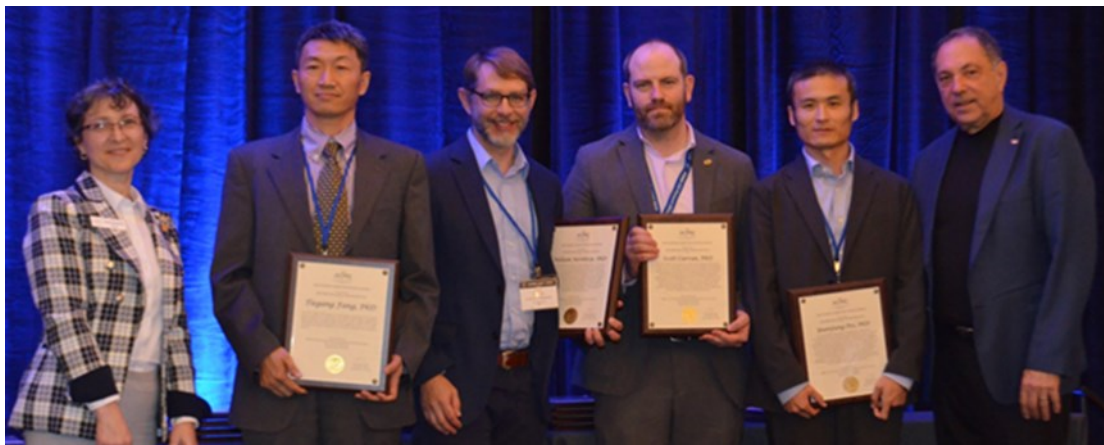


Muhsin Ameen
Principal Research Scientist
Argonne National Laboratory



2024 ASME FELLOWS

The ASME Committee of Past Presidents confers the Fellow grade of membership on worthy candidates to recognize their outstanding engineering achievements



ASME Fellow Awardees (L-R): **Tiegang Fang** (North Carolina State University), **William Northrop** (University of Minnesota), **Scott Curran** (Oak Ridge National Laboratory), **Yuanjiang Pei** (Aramco Americas)



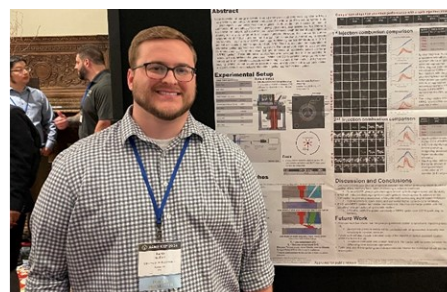
Sreenath Gupta
Argonne National Laboratory

2024 POSTER SESSION COMPETITION WINNERS

In testimony of the high regard and the deep appreciation of the Society for your valued services in advancing the engineering profession as a Poster Session Competition Winner at the 2024 ASME ICE Forward Conference October 20–23, 2024.



Shreshta Majumdar
Oak Ridge National Laboratory



Jacob Stafford
University of Wisconsin–Madison

UPCOMING AWARDS NOMINATION DEADLINES

ASME SOCIETY AWARDS

<u>Fellow</u>	March 1
<u>ASME Medal</u>	March 1
<u>Dedicated Service Award</u>	December 1
<u>ICE Award</u>	February 1

ICE DIVISION AWARDS

<u>Early Career Award</u>	May 1
<u>Engine Impact Award</u>	May 1
<u>Meritorious Service Award</u>	May 1
<u>Soichiro Honda Medal</u>	October 1



Undergraduate Student Competition

The ICE Forward Undergraduate Student Competition showcases some of the best work in IC engines performed by undergraduate researchers. Students must submit a 10-minute presentation of their work, along with a 2-page extended abstract and a letter of recommendation from their research mentor. Each year 2 students are selected as winners who are able to attend the conference for free and give their presentations at lunch during the conference. This year the two winners were **Alfie Drew** of the University of Oxford and **Joseph Jacobs** of Texas A&M University. Both students gave excellent presentations during the conference and were well received by the attendees. The tradition will continue next year with the next installment of the competition.



Dr. Noah Van Dam

ICED Student Activities Chair
Assistant Professor, University of
Massachusetts Lowell

2024 UNDERGRADUATE COMPETITION WINNERS

Citation: "In testimony of the high regard and the deep appreciation of the Society for your valued services in advancing the engineering profession as an Undergraduate Student Competition winner at the 2024 ASME ICE Forward Conference October 20–23, 2024."



Award Winners (L–R): **Alfie Drew** (University of Oxford), **Joseph Jacobs** (Texas A&M University)

All undergraduate students working on IC engine research are encouraged to submit, and those who are no longer undergraduates themselves but work with undergraduates are encouraged to let the undergraduates know about the competition. The top two entries will be selected to be present at the ASME ICE Forward 2025 Conference. This welcoming environment is a great opportunity for students currently involved in research that are considering pursuing a career or graduate school in the Internal Combustion Engine field. Many of the past winners have made connections during the conference that lead to recruitment for career and graduate school opportunities. For senior undergraduate students who may have already accepted a full-time position or begun graduate school by the time the conference is held, it is also a great way to be introduced directly to a large portion of the engine research community that you may be a part of for many years to come. Additionally, as a conference attendee, you'll get to attend other researchers' presentations and network with people working in this exciting and important field. Applicants not selected as winners will be invited to present their work at a student poster session to be held during the conference. The two students who led the winning entries will receive free conference registration for the conference along with paid travel and lodging expenses for the conference up to \$1,500.

For full details about the 2025 competition check out the call for presentations on the ICEF conference website or email Dr. Van Dam at Noah_VanDam@uml.edu.





ICED Webinar Series

The Future of the Internal Combustion Engine

The ASME Internal Combustion Engine (ICE) Division Executive Committee has been holding a complimentary webinar series titled “The Future of the Internal Combustion Engine”. The goal of this series is to communicate the role of the ICE in our decarbonized society.

Topics include

- Light Duty
- Heavy Duty
- Combustion
- Hybridization
- Alternative Fuels
- Computer Simulations
- AI, and much more!



Watch the on-demand webinars!

Upcoming ASME Events in 2025

MEEd 2025

Mechanical Engineering Education Summit

March 27–29

Los Angeles, CA USA

VVUQ 2025

Verification, Validation, and Uncertainty Symposium

April 9–11

College Station, TX USA

SSDM 2025

Aerospace Structures, Dynamics, and Materials

May 5–7

Houston, TX USA

Turbo Expo

Turbomachinery Technical Conference & Exposition

June 16–20

Memphis, TN USA

OMAE 2025

Conference for Advanced Reactor Deployment

June 22–27

Vancouver, BC Canada

SB3C

Summer Bioengineering Conference

June 22–25

Santa Ana Pueblo, NM USA

MSEC 2025

Manufacturing, Science, and Engineering Conference

June 23–27

Greenville, SC USA

ES 2025

Internation Conference on Energy Sustainability

July 8–10

Westminster, CO USA

SHTC 2025

Summer Heat Transfer Conference

July 8–10

Westminster, CO USA

PVP 2025

Pressure Vessels and Piping Conference

July 20–25

Montréal, QC Canada

QNDE 2025

Progress in Quantitative Nondestructive Evaluation

July 23–25

Montréal, QC Canada

ICEF 2025

The ICE Forward Conference with Rail Transportation Symposium

October 19–21

Milwaukee, WI USA



From the Archives

Charles Finney

February 11 is Division Founding Day!

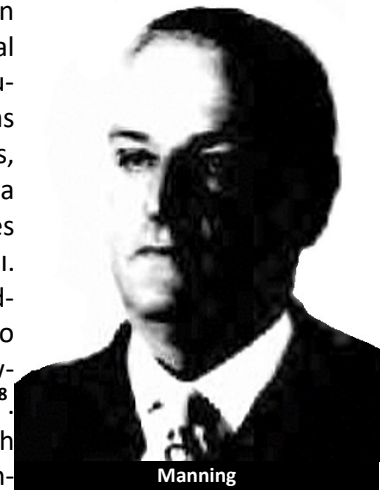
Please pause on this day to celebrate **117 years of service and progress** by Internal Combustion Engine Division members. See the January 2024 Newsletter "From the Archives" column about the February 11, 1908 organizational meeting.

The reorganization of the Division in 1921

As we have seen previously, the ASME Internal Combustion Engine Division was originally founded as the Gas Power Section. The petition of December 6, 1907 set into motion the technical division system in ASME. After 7 very active years, the GPS was converted to a subcommittee of the ASME Committee on Meetings in 1915, and ASME had no technical divisions until the notion was revived in late 1919¹. On January 24, 1920, ASME formed a committee of stewards to refashion the professional-section system under new rules², and nominees were confirmed on February 27³. Ten such potential sections were named, including a reorganized Gas Power Section. [Starting in about May 1921, ASME started calling these sections "divisions", probably to avoid confusion with local sections.]

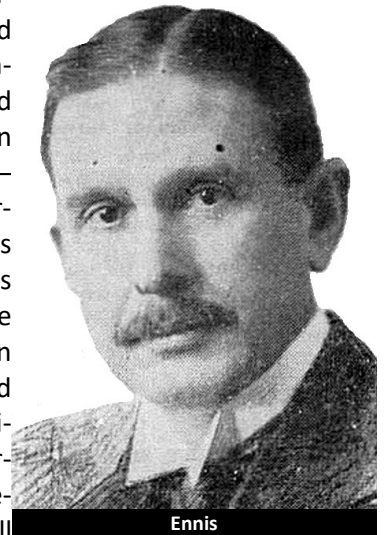
George Orrok [more about him below] was appointed to shepherd the plan for gas power. Because of his other duties and obligations (e.g., Chairman of the ASME Publications Committee), the petition was not submitted to ASME Council until November 17⁴ and not approved by Council until December. An organizational meeting for the reorganized Gas Power Section was set for January 21, 1921⁵. Unlike the report of the February 11, 1908 foundational meeting for the GPS which was published in the ASME *Proceedings*, there were scant details of this 1921 meeting, except for a report in *Mechanical Engineering* magazine in May regarding the election of officers⁶.

Vannoy Hartrog Manning⁷ (1861–1932), Chairman. Son of the U.S. Representative from Mississippi by the same name, his government work started in 1886 with the U.S. Geological Survey before moving to the Bureau of Mines in 1910. He was Director of the Bureau of Mines, 1915–20, where he established a chemical warfare and defenses research laboratory during WWI. More importantly, he was lauded for directing the research into reducing the cost of helium, lowering cost by a factor of ~4000⁸. He was also Director of Research for the American Petroleum Institute, 1920–24, encompassing his tenure with the GPD. He served as Chairman for two years, 1921–3.



Manning

William Duane Ennis⁹ (1877–1947), Secretary. Professor of Marine Engineering, U.S. Naval Academy. He joined the GPS in 1909, was an Executive Committee member 1913–4, and was a member of the subcommittee (v.s.) 1915–6. He had been on the faculty of Brooklyn Polytechnical Institute (1907–17), served in the U.S. Army during the war (being addressed as "Major" throughout his life), was the research director of the Technical Advisory Corporation in the mid-1920s, and finished his career at the Stevens Institute of Technology before retiring in 1944. He served as Secretary 1921–2, and perhaps till 1923 [1922–3 records are being reconstructed].



Ennis

Gas Power Division Executive Committee Elected

Van H. Manning, Chairman, Finley R. Porter, Lawrence B. Jackson, B. P. Flint and R. H. Burdick have been elected as the Executive Committee of the Division with W. D. Ennis as Secretary. The Division is planning no event for the Spring Meeting, but hopes to have a session at the 1921 Annual Meeting.

From *Mechanical Engineering* magazine, May 1921⁶.

Below are some details from my ongoing research on the members of this executive committee from 1921.

¹ASME Council approved the petition submitted the prior month on 1919-12-02. *Mechanical Engineering* 42(1§2) (January 1920): 4. ²*Mechanical Engineering* 42(3§2) (March 1920): 43. ³*Mechanical Engineering* 42(4§2) (April 1920): 61. ⁴*Mechanical Engineering* 43(1§2) (January 1921): 1–2. ⁵*Mechanical Engineering* 43(2§2) (February

1921): 18. ⁶*Mechanical Engineering* 43(5§2) (May 1921): 54. ⁷Photograph from U.S. passport application on 1920-05-29. ⁸*Daily News* (Washington, DC), 1932-07-14, p. 2. ⁹Photograph from *The News* (Wyckoff, New Jersey), 1947-10-16, p. 1.



From the Archives (CONTINUED)

The reorganization of the Division in 1921 (CONT.)

Finley Robertson Porter (1872–1964), Executive Committee member. Chief Engineer, Curtiss Engineering Corporation engine division. He had started with Charles Worthington in designing a steam-powered automobile, then helped design the Mercer Raceabout, then his own car, the F.R.P. (later the Porter), which was one of the fastest automobiles throughout the 1920s. During the war he had led the testing of airplane engines in Dayton.

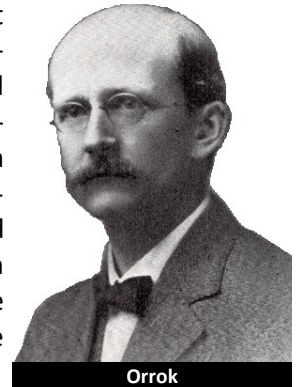
Lawrence Bailey Jackson¹⁰ (1885–1948), Executive Committee member. Chief Engineer, The Texas Steamship Company (Bath, Maine), and later with Fairbanks Morse Engine Company in Milwaukee, Wisconsin.

Bertram Pierpont Flint (1865–1942), Executive Committee member. Manager, McIntosh & Seymour Corporation. Not many details are currently known about him; even his death date was hard to fix because of missing records at the New Jersey state archives.

Reginald Houghton Burdick¹¹ (1884–1953), Executive Committee member. Oil and gas engineer, working for multiple companies and consulting for municipalities across the country. He served as an executive and/or chief engineer for several gas companies and was well regarded for managing gas companies.

George Alexander Orrok¹² (1867–1944) ranks among the three most influential people in the Division's storied history, along with Charles Lucke and Edgar Kates. He was trusted by ASME in a variety of roles and given his history with the GPS was a natural choice to lead the reorganization effort. Orrok was a consulting engineer, notably for N.Y. Edison among others. He served as the GPS's secretary 1908–15, responsible for transacting mundane business, and served in various roles with ASME, such as Manager (1912–14) and chairman of the Publications Committee. He was fondly regarded in the ASME offices, as he upon entering would frequently ask "What's new?"¹³

While this was a common idiom at that time, Orrok apparently meant it literally, as he was excited about the rapid progress in internal combustion engines. He also was wont to recount a maritime tale, with the punchline being, "I goes for'ard!"¹³ While he could not have foreseen the emphasis on "Forward" still a full century later, he no doubt would have been quite pleased with us.



Orrok



Jackson



Burdick

NEW TO THE ARCHIVES

Steven G. Fritz (ICED Chair 2002–3) of the Southwest Research Institute has donated some memorabilia. Two medallions are shown below. The first is from the 1971 Diesel and Gas Engine Power Division Conference in Toronto, Ontario, which marked the 50th anniversary of the Division's reorganization. The second is from the 1996 ICED Fall Technical Conference (ICEF) in Fairborn, Ohio, marking the 75th, which was issued as a keychain medallion.

Thanks to Steven and to SwRI colleagues for preserving Division history!



¹⁰Photograph from U.S. passport application on 1921-03-12. ¹¹Photograph from *The Birmingham News* (Birmingham, Alabama), 1953-12-22, p. 18. ¹²Photograph from the 1914 ASME Year Book. ¹³George A. Stetson, obituary for George A. Orrok, *Mechanical*

Engineering 66(5) (May 1944): 293–294. NB: All photographs had their backgrounds removed and were contrast-enhanced with some artifact removal by me.



2025 Executive Committee

Chair



Dr. Kelly Senecal
Convergent Science, Inc.

Vice-Chair



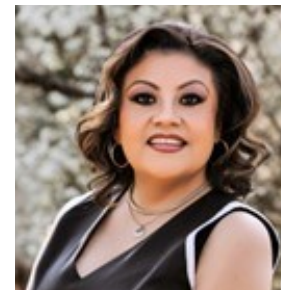
Dr. Sundar Krishnan
University of Alabama

Past Chair



Dr. Sibendu Som
Argonne National Laboratory

Sr. TEC Operations Mgr.



Laura Herrera
ASME

Member



Dustin Osborne
Southwest Research Institute

Conference Chair



Dr. Scott Curran
Oak Ridge National Laboratory

Conference Co-Chair



Dr. Andrea Strzelec
USCAR

Events Management



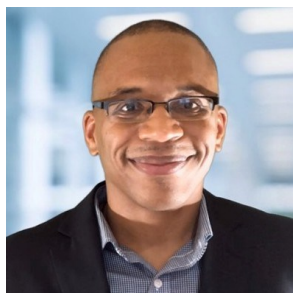
Colleen Seaver
ASME

Member



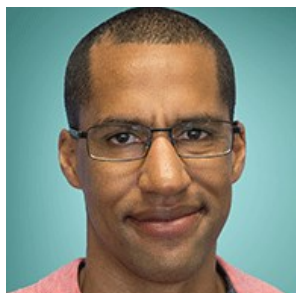
Dr. Yuanjiang Pei
Aramco

Secretary



Dr. Ronald Grover
General Motors

Treasurer



Dr. Isaac Ekoto
Sandia National Laboratories

Webtool Support



Mark Avila
ASME

Associates Nominating Chair:

Honors and Awards Chair:

Best Paper Award Chair:

Best Presentation Award Chair:

ICE Award Chair:

Honda Medal Committee Rep:

Westinghouse Medal Committee Rep:

Division Strategic Planning:

History and Heritage Liaison:

William Northrop

Riccardo Scarcelli

Jim Cowart

Dustin Osborne

Kelly Senecal

David Foster & Ron Grover

Kalyan Srinivasan

Sibendu Som

Charles Finney

Division Operating Guide:

Student Activities Chair:

Sponsorship Program Chair:

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