

SAE INTERNATIONAL

**ALWAYS IN
MOTION**

SAE

INSPIRING BUILDING ADVANCING

PEOPLE, TECHNOLOGY,
AND INDUSTRY—ALWAYS
IN MOTION AND LOOKING
TOWARDS TOMORROW.





A professional society, SAE International is the authority on vehicle engineering. We develop more vehicle technical standards—and more aerospace standards—than any other organization. We offer the largest library of vehicle engineering content. And, we bring together the largest global network of engineers in the world.

Through a comprehensive collection of programs, products and services, we supply the information, tools, and technical know-how to help today's professionals do their jobs better while we ensure the development of the next generation of mobility engineers.

Since 1905, SAE has connected automotive, aerospace, and commercial vehicle engineers to each other and the technical resources needed to foster a lifetime of learning, solutions to improved vehicle technology, and the advancement of the mobility industry.

SAE International—whose first vice president was an up-and-coming engineering talent by the name of Henry Ford and included early supporters like Orville Wright—was based on providing a platform for collaborative and informed dialog and the impetus of its earliest standardization efforts. Today, the sharing of information remains at its core, with SAE being acknowledged globally as the ultimate knowledge source for mobility engineering.

WHAT IS SAE?

SAE SERVES AS THE NEXUS THAT CONNECTS THE ENGINEERING COMMUNITY FOR THE PURPOSE OF LIFE-LONG LEARNING AND THE ADVANCEMENT OF THE MOBILITY INDUSTRY.



SAE MEMBERS

Throughout this community are SAE members...from Student grade...to Professional...and the most prestigious grade of all, that of Fellow. Membership offers continuous life-long career support, endless opportunities to enhance personal and professional growth, and unique member-only benefits.

● EXPERIENCED INDUSTRY PRACTITIONERS

Offering a forum to interact with other engineers, SAE promotes idea sharing, individual problem solving, and collaboration on industry-wide challenges. It provides access to current reliable standards, engineering research, and applied technical data—developed by engineers for engineers. Endless personal and professional development opportunities offer the chances to “give back” or inspire future generations of engineers.

● YOUNG ENGINEERING PROFESSIONALS

SAE can help launch or improve career prospects, deliver relevant experiences sought after by employers, and help build professional networks through Membership, its Career & Mentor Centers, and volunteerism activities.

● GOVERNMENT REGULATORS

SAE’s strong history, extensive knowledge library, and stable of experts position it as an indispensable resource for crafting, evaluating, and implementing practical policies. Serving as technical translator between government and industry, SAE is the “go to” neutral expert on Safe Transportation, Environmentally Sustainable Transportation Systems, Voluntary Consensus Standards Development, and Enhanced STEM Education/Careers.

● ACADEMIA

SAE is a far-reaching, respected channel for researchers and professors wanting to disseminate published works and bring acclaim to their institutions through individual efforts. As a leading source for expert testimony and citation material on commercially relevant technology, work published through SAE is used and recognized by industry. By connecting academia to the best and brightest practicing engineering talent, SAE deepens both professor and student knowledge and can help introduce students to those in industry.

● LIBRARIANS

With the largest, most robust and trusted repository of engineering knowledge, SAE is a one-stop source for those tasked with maintaining large institutional libraries. Customer’s research can be powered with SAE’s definitive primary materials, which can be customized and offer flexible access to content user needs at an affordable price.

● STUDENTS & PRE-PROFESSIONALS

Student Membership and Collegiate Chapters aide pre-professionals in their personal growth. The SAE Foundation funds programs targeted toward aspiring engineers with scholarships, awards, and a complete continuum of K-16 programs that support science, technology, engineering, and math (STEM) education while combining project-based learning with real-world experience.

HOW DOES SAE ADVANCE LEARNING AND INDUSTRY?

SAE OFFERS PROGRAMS, PRODUCTS, AND SERVICES THAT AFFORD THE ENGINEERING COMMUNITY LIMITLESS OPPORTUNITIES TO LEARN, DEVELOP, AND CONNECT SO TOGETHER, WE CAN ADVANCE INDUSTRY.

LEARN

DEVELOP

CONNECT

LEARN



STANDARDS, PUBLICATIONS, MEDIA, TRAINING/EDUCATION, AND EVENTS HELP TODAY AND TOMORROW'S MOBILITY PROFESSIONALS ADVANCE THEIR PROJECTS, CAREERS, AND ORGANIZATIONS.

TECHNICAL PAPERS

Written and peer-reviewed by experts from automotive, aerospace, and commercial vehicle companies from around the world, SAE's 146,000+ technical papers covering the latest advances in technical research and applied engineering information are available through a variety of delivery methods.

STANDARDS

SAE standards are internationally recognized as the best possible technical data available for ensuring the safety, quality, and effectiveness of products manufactured in the mobility engineering industry. The 44,000+ standards in the SAE database, which include historical standards, can be accessed through various ways and targeted, customized solutions.

BOOKS & JOURNALS

For students and seasoned professionals, hundreds of technical titles for aerospace and ground vehicle engineers are offered. Nine content-specific scholarly journals advance self-propelled vehicle/system knowledge in a neutral forum for the benefit of society.

TRAINING/EDUCATION

Structured learning/certification programs applicable to real-world learning are offered at the individual and corporate level. SAE's extensive portfolio of over 200 classroom courses, 90+ web seminars, and on-demand classes are developed/taught by recognized industry experts and address key mobility technical drivers, technologies, regulations, and business/management topics.

EVENTS

SAE organizes and/or administers more than 20+ international meetings/exhibitions covering all aspects of technology related to the design, manufacture, and service life cycle of aerospace and ground vehicles. Events feature speaker rosters of the most knowledgeable and influential from the mobility community and attract a global audience.

MEDIA

A core channel for the delivery of technical information to this community is SAE media. Included are seven large-circulation magazines that feature technology, design trends, and product news of mobility developments occurring worldwide. There are titles for students, SAE members, and key global vehicle-producing regions.

DEVELOP



SAE OFFERS MANY VOLUNTEERISM OPPORTUNITIES. SOME INVOLVE THE DEVELOPMENT OF SAE STANDARDS, PUBLICATIONS, AND EVENTS WHILE OTHERS, THE DEVELOPMENT OF TOMORROW'S ENGINEERS. ALL, HOWEVER, SERVE TO ENHANCE ONE'S CAREER AND ADVANCE THE INDUSTRY.

VOLUNTEER OPPORTUNITIES...

- Standards Development service
- Technical Paper and Book authorship/reviewers
- Meetings planning and development service
- University Chapters advisors and Student officers
- K-12 and Collegiate Design Program volunteers
- SAE Executive Leadership
- Award Committee Membership
- Company Representatives
- Local Chapters/Section Officers
- Mentor Center Participant

OFFER THE CHANCE TO:

- Learn new skill-sets; practice important skills used in the workplace
- Explore new fields
- Meet new contacts, form relationships that can become technical resources
- Enhance knowledge base by learning from peers from around the world
- Discover emerging technologies
- Gain peer recognition for playing a role in the advancement of industry

Lending time, skills, and technical expertise, SAE's vast network of volunteers is 25,000 strong—with its largest volunteer group being those who contribute to the development of SAE International technical standards documents.

SAE published its first automotive standard in 1912...and, for increased WWI aircraft production, the first international specification for an interchangeable aeronautical spark plug. These documents were the collaborative beginnings of the now formal and well-established process of industry-driven, voluntary consensus standards development—by the organization acknowledged today as the most respected, premier standards development organization for vehicle engineering standards.

Currently, 400 technical committees with technical professionals from countries around the world meet at the SAE standards development table to influence the requirements and practices used in the development of vehicles and impact industry's technical agenda.

CONNECT



THROUGH A VARIETY OF WAYS, SAE BRINGS TOGETHER A MULTI-INDUSTRY GLOBAL ENGINEERING COMMUNITY—FOR PERSONAL OR PROFESSIONAL ADVANCEMENT OR THAT OF ONE'S ORGANIZATION.

MEMBERSHIP

SAE membership facilitates engagement with a multi-industry, global engineering community. Local sections, collegiate chapters, and partners in Brasil and India bring the SAE experience close to home. Offering continuous life-long career support, it affords unique member-only benefits that include technology resources as well as networking, career enhancement, professional development, and recognition opportunities.

CAREER CENTER

The Career Center links SAE members and industry professionals with the most relevant mobility career opportunities and connects academic, government, and corporate recruiters/employers with highly qualified candidates. Career Fairs are also offered.

EVENTS

SAE's high-quality events are unmatched in their technical content and focus. Engineering professionals from every level and discipline within the industry supply chain come together to share information and discover the means to turn challenges into opportunities. Events like SAE World Congress, AeroTech Congress, and Commercial Vehicle Engineering Congress are an ideal place for networking; equally ideal for reaching customers through exhibiting and sponsorships.

WORKFORCE DEVELOPMENT SOLUTIONS

SAE can be the foundation for building a technologically superior workforce with the Career Center for employers looking to hire, advertising channels for recruitment messages, and SAE's Collegiate Design Series that puts employers in touch with the brightest and most motivated university students.

To ensure a pipeline of technical and scientific talent for tomorrow's workforce, the SAE Foundation unites industry, government, and education towards the common goal of resolving the STEM crisis with such programs as *A World In Motion*[®], and the *SAE Collegiate Design Series*[™].

MARKETING SOLUTIONS

As the go-to resource for engineers and technical professionals in the mobility industry, SAE's diverse media offerings have a level of engagement unmatched by any other media outlet — making it a most effective avenue for marketing to those who are driving tomorrow's vehicle development.

THE SAE GROUP



sae.org



saefoundation.org



sae-itc.com



p-r-i.org



TOGETHER, WE MOVE
INDUSTRIES FORWARD.

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