

This is my SAE!

Better your career, your industry, your community—your world—through SAE International, your professional membership society.



SAE International™

Make it **your** SAE:

membership, resources and opportunities for the early career professional.

Your early career years are a time of intense development from proficient practitioner toward expert status in your profession and within your company. It is a time to gain recognition for your on-the-job accomplishments and make plans to further enhance your professional capabilities and your solid reputation. Perhaps most importantly, it is also a time to begin making an impact—putting your personal stamp—on the future of your industry and your community.

SAE can help you advance on ALL these fronts with a collection of **resources and opportunities designed for this time in your career.**

Get to know your SAE!

Page

- 1** Technology Resources
- 2** Network Expansion and Career Advancement
- 3** Community Service
- 4-5** Leadership Opportunities
- 5-6** Professional Development and Recognition
- 7** And more!



Technology Resources

As you progress in your career, learning from others becomes more and more important. Find out what the leading edge research and product development professionals are working on with SAE papers, magazines, standards and books. This family of technical resources is designed to be as broad as it is deep, giving you **everything from the latest news to in-depth information** on a particular technology. Some book recommendations for the early career professional include:

NEW!

An Introduction to Engine Testing and Development (R-344)



By Richard D. Atkins

NEW!

Road Vehicle Dynamics (R-366)

By Rao V. Dukkipati, Jian Pang, Mohamad S. Qatu, Gang Sheng, Zuo Shuquanq

Bestseller

Brake Technology Handbook (R-375)

By Karlheinz Bill, Bert J. Breuer

Modern Engine Technology from A to Z (R-373)

By Richard Van Basshuysen, Fred Schaefer

NEW!

Introduction to Engine Valvetrains (R-339)



By Yushu Wang

Vehicular Engine Design (R-369)

By Kevin L. Hoag

The SAE Bookstore now offers selected eBook titles. For a complete list of ebook titles, visit www.books.sae.org and click on the ebook tab.

A photograph showing several people in business attire at a conference or trade show. They are looking at and discussing documents, likely SAE publications. The background is slightly blurred, focusing on the individuals in the foreground.

SAE Members save year-round on most SAE publications, conferences, seminars and more!

SAE Members receive one complimentary SAE magazine subscription!

Find *your* SAE Technology Resources!
store.sae.org

Network Expansion and Career Advancement

How do you add 121,000 mobility industry professionals around the world to your network in just minutes? It's simple: become a member of SAE and you will gain access to the full member roster!

Network expansion is all about making connections and SAE provides opportunities rich with the kind of people you want to meet...people who share your technology interests, your on-the-job and life challenges, or have the hiring authority for the job you want next! For the early career professional, SAE congresses and conferences are a primary avenue for growing your circle—here, you can make those vital connections in a technical session, at a member lounge, in a committee meeting that interests you or in the exhibit hall.

Those connections will lead you further into the SAE network... perhaps you'll become a SAE paper author, lend your expertise to a standards development committee, or serve as an officer for your local/regional SAE Section. **These and other opportunities, uniquely yours from SAE, are important to a successful, dynamic—and well-connected—engineering career** in the automotive, aerospace, and commercial vehicle industries.

In times of unemployment, SAE offers reduced member dues.



SAE Members have exclusive access to the online SAE Career Center! Post your resume, review job listings, create your own search agent and more.

Expand **your** SAE network and advance **your** career!
www.sae.org/membership

Community Service

SAE makes it easy for you to do what you do best *and* make a difference in your community when you volunteer with the SAE K-12 learning program, *A World In Motion*® (AWIM). As an in-classroom resource for teachers, you will have the opportunity to **influence and enhance the ways in which our youth are prepared to meet the future**. A short-term commitment, you will help make learning fun, help young students discover the exciting application of science principles, and share information about rewarding careers in your chosen profession.

Since 1990, more than 3.75 million students and 15,000 volunteers across North America have participated in this highly interactive math and science educational program. Teachers make AWIM happen...the hands-on activities make it exciting...as a volunteer, you will make it special!

“Volunteers do not necessarily have the time; they just have the heart.”

– Elizabeth Andrew



Locate a participating
AWIM school in *your* area.
www.awim.org

Leadership Opportunities

The people of SAE—its members and volunteers—number more than 130,000 worldwide and are united in serving a single purpose: the advancement of global mobility engineering. SAE is where the people of industry come together to create and make better what is common and shared: the collaborative development of standards... the publication and presentation of papers on the latest research and technology developments...the vision and leadership that steers the SAE organization.

How do *you* fit into all of that and what's in it for you?

When you volunteer with SAE you influence the issues of industry by bringing your unique experience to the table in the spirit of cooperation and sharing. You help make the picture bigger and the colleagues and competitors you will meet will enlarge your network and your knowledge in ways you cannot do within your company or supply chain. Volunteering with SAE develops the individual, enhances the cooperative work at hand, and improves industry. **Over time, your volunteer work with SAE will clearly establish you as a leader.**

How do you get on this SAE path to leadership?

Because the possibilities are many, it is difficult to know where to begin. Start by exploring the many committees of the SAE standards development program and SAE congresses and conferences—identifying those in your areas of technical expertise—and consider these possible paths:

Standards Development

Start your involvement by getting on a committee's **mail/email list** or **attending a committee meeting**. Advance into these positions of increasing responsibility:

- Consultant Member
- Committee Member
- Committee Chair or Co-Chair
- Document Sponsor
- Committee Vice-Chair or Secretary

Congresses and Conferences

Begin your participation as **Author or Co-author**—and presenter—of a SAE Technical Paper. Continue into these roles of growing responsibility:

- Technical Paper Reviewer
- Session Organizer
- Committee Member
- Committee Chair or Co-Chair





Start down *your* volunteer
leadership path!
volunteers.sae.org

Professional Development and Recognition

The SAE professional development program helps you advance your work and your capabilities. As you grow and develop, you help your company improve its competitive technological edge. With hundreds of seminars, e-seminars, and other formal learning venues, **SAE offers development opportunities at all stages of your career.** For the early career professional, a wide array of “fundamentals” courses apply as do many intermediate and the more advanced options depending on your area of technology, experience level, or position.

A Sampling of **Popular Seminars** for the Early Career Professional

- Acquiring and Analyzing Data from Sensors and In-Vehicle Networks (C0522)
- The Basics of Internal Combustion Engines (C0103)
- Diesel Engine Technology (93014)
- Fundamentals of Heavy Truck Dynamics (C0837)
- Fundamentals of Hybrid Electric Vehicles (C0511)
- Fundamentals of Metal Fatigue Analysis (94024)
- Fundamentals of Modern Vehicle Transmissions (99018)
- Geometric Dimensioning and Tolerance (C0133)
- Introduction to Hybrid and Electric Vehicle Battery systems (C0626)
- Principles of Cost and Finance for Engineers (C0828)
- Threaded Fasteners and the Bolted Joint (95030)
- Vehicle Dynamics for Passenger Cars and Light Trucks (99020)
- Diesel Emissions and Control Technologies (C0206)



As you progress in your career and establish your professional reputation, the opportunity for recognition presents itself. **All along your career path are occasions for SAE honor and tribute.** With a program of more than 70 awards and recognitions, some highlights for the early career professional include:

- AEM Outstanding Young Engineer Award for the Off-Highway Industry
- Bill Agnew Award for Outstanding AWIM Volunteers
- Max Bentele Award for Engine Technology Innovation
- Distinguished Younger Member Award Honoring Edward N. Cole*
- SAE Foundation Young Manufacturing Leadership Award
- SAE/InterRegs Standards and Regulations Award for Young Engineers
- Outstanding Younger Member Award*
- Russell S. Springer Award
- Ralph R. Teetor Educational Award

*An SAE Member Exclusive!

Enhance *your* professional capabilities and be recognized for your achievements!

www.sae.org/events/training

www.sae.org/awards

SAE Members save year-round on most SAE publications, conferences, seminars and more!



SAE offers many awards and recognitions reserved exclusively for SAE Members!

And more...

Work/Life Balance More for you through the SAE Partner Program

Need a rental car for your vacation? Want to save on wireless, your next car purchase or travel? Buying or refinancing your home? In the market for home, auto, life or health insurance? Enjoy savings and/or other benefits on these transactions and more with SAE Member benefit providers.

SAE Foundation: your philanthropy connection

From the acclaimed A World In Motion K-12 program to the Collegiate Design Series, SAE actively works to encourage today's students to become tomorrow's science and technology professionals. Your volunteer or financial gift makes the difference!

To learn more, visit www.saefoundation.org

mysae

When your membership/customer record is regularly maintained—by your SAE Customer Service Representative or by you—it helps us keep you informed of the things in which you are most interested. Log-on to maintain your interest areas, preferences, membership, and more...or contact your SAE Customer Service Representative for assistance.





Become a SAE Member today and put your SAE to work for you!

Better your career, your industry, your community—your world—through SAE International, your professional membership society for:

- Technology Resources
- Network Expansion and Career Advancement
- Community Service
- Industry Leadership Opportunities
- Professional Development and Recognition

SAE Customer Service

+1-877-606-7323 (USA & Canada)

+1-724-776-4970

www.sae.org

CustomerService@sae.org

Fax: +1-724-776-0790



Make it your SAE!

www.sae.org/membership



Make it your SAE.



Membership, Resources and Opportunities for the early career professional.

SAE Members save year-round on most SAE publications, conferences, seminars and more!

SAE *International*

400 Commonwealth Dr.
Warrendale, PA 15096-0001 USA

P91377