

SAE International is a global society of more than 128,000 engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries. SAE's core competencies are voluntary consensus standards development and life-long learning, and through its charitable arm, the SAE Foundation, programs including A World In Motion® (AWIM) and the Collegiate Design Series are supported.

With members in more than 100 countries throughout the world, the heart of SAE International's activity is the creation of standards. Some 14,000 mobility industry experts donate time to serve on SAE International committees.

SAE International relies heavily on its members' guidance and knowledge when developing its programs, products and services. Esteemed member groups, like the SAE Fellows, provide a rich repository of expertise in helping to shape what SAE offers to the mobility engineering community.

SAE International has created 2,600-plus global standards for the automotive, construction and agricultural equipment, heavy trucks, buses and specialty-vehicle industries. More than 7,000 experts provide data for standards on critical industry issues.

SAE International's Aerospace Standards' repository includes 6,800 documents and is the largest such collection in the world. More than 7,000 industry experts provide expertise for aerospace standards.

In addition to standards, SAE International also provides a wide range of professional-development courses and networking opportunities, helping industry meet the challenges of a global marketplace. Annually, SAE International hosts more than 25 technical conferences that feature presentations, senior-executive panel discussions and professional development seminars. Its three premiere events include SAE World Congress, SAE Commercial Vehicle Engineering Congress, and the biennial SAE AeroTech Congress & Exhibition.

In addition, SAE maintains a database containing 73,000 technical papers; 10,000 technical standards and 773 books. It also publishes Automotive Engineering International, Aerospace Engineering and Manufacturing, and SAE Off-Highway Engineering magazines.

SAE International's AWIM program provides students in grades K-12 the opportunity to work with engineers, creating projects referred to as "challenges." Volunteers from industry partner with students, providing hands-on instruction.

The Collegiate Design Series enables university students to apply classroom theory by designing and building vehicles ranging from hybrid cars to model aircraft. About 700 teams and 6,000 students from top U.S. engineering schools participate in the events. Nearly 600 teams and 6,500 students participate in events in Europe, Asia, Australia, South America and Africa.

While the SAE Foundation supports both of these programs (which won the National Science Foundation's Public Service Award in 2008), it also funds awards and scholarships for aspiring engineers. The Foundation annually funds about 60 awards programs and 10 scholarships.