CONTACT

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CARS LEADERSHIP

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Stanford’s Automotive Affiliates Program
CARS is the interdisciplinary automotive affiliates program at Stanford University. The vision of CARS is to create a community of faculty and students from a range of disciplines at Stanford with leading industry researchers to radically re-envision the automobile for unprecedented levels of safety, performance, sustainability, and enjoyment. Our mission is to discover, build, and deploy the critical ideas and innovations for the next generation of cars and drivers.

Automotive Research with a Flavor of Silicon Valley
The three founding labs of CARS conduct the main research in the automotive field at Stanford. The result is a strong technology focus on controls, automation, and communication. CARS is a vital part of the network at Stanford University and maintains strong relationships with the Graduate School of Business, School of Law, and other research centers on campus. This interdisciplinary approach makes Stanford Automotive unique in automotive research.

State of the Art Automotive Research Facility
The Volkswagen Automotive Innovation Lab (VAIL), is a state-of-the-art automotive research facility which is the home of CARS. It is designed to accommodate several simultaneous research projects and foster the collaborative and community spirit that defines CARS. The 8,000 sq ft facility houses 7 work bays, covered outdoor work spaces, stationary and mobile lifts, mechanic workshop, computer work room, simulator, conference + seminar rooms. The building opened in April 2010.

Benefits of Affiliate Membership

FOCUS WORKSHOPS
Workshops to create a vision for the automobile and initiate research projects. Affiliates meet with faculty and students for one-day exclusive events.
Example: Workshop “Legal Aspects of Autonomous Driving”

EXPERT DISCUSSIONS & SYMPOSIUMS
Round tables discussions and symposiums to exchange research results, trends, and opinions. Affiliates meet with experts from on and off campus.
Example: Expert Round Table “Mobile Apps meet Individual Mobility”

“THE FUTURE OF THE AUTOMOBILE” SEMINAR CLASS
Lectures from academia and industry with an interdisciplinary look at the automobile bringing students from different disciplines and affiliates together.
Example: Seminar Lecture “Multitasking while Driving”

MEMBERS ONLY AUTOMOTIVE NEWS
News update on automotive research topics and events at Stanford and beyond. Also provides comprehensive information for non-local affiliates.
Example: Affiliates News “Automotive Research & Education”

ASSISTANCE TO ESTABLISH STANFORD CONTACTS
Affiliates become an integral part of the automotive research community on campus. Initiating contacts to faculty, students, research centers, and more
Examples: Assistance for Visiting Researchers, Student Recruiting

ACCESS TO STANFORD FACILITIES & INFRASTRUCTURE
Preferred use of automotive research facilities for research projects sponsored by affiliated partners. State of the art automotive work environment.
Examples: Workshop, Test Facilities, IT Network

* CARS membership is $32k per 12 Months