

SAE International and AVCC Liaison Announced (SAE and AVCC)

Harmonizing work and extending the audience for automated and assisted driving specifications

SAN JOSE, Calif. ([PRWEB](#)) March 24, 2021 -- [The Autonomous Vehicle Computing Consortium](#) (AVCC), a global group of automotive and technology industry leaders, is pleased to announce a key liaison with [SAE International](#), a global association of more than 200,000 engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries. Our shared goal is to help expedite the development of autonomous and assisted driving solutions through shared technical references, recommendations, design benchmarks and marketing initiatives.

“For more than a century, SAE Standards have created the safe, reliable and consistent use and adoption of technologies to advance the mobility industry for the benefit of humanity,” said Jack Pokrzywa, Ground Vehicle Standards Director, SAE International. “We are pleased to forge this alliance with AVCC and hope our cooperation will foster greater knowledge sharing and excellence in autonomous driving solutions.”

The primary purpose of the AVCC is to develop a conceptual compute platform architecture, as well as specify hardware requirements and software APIs to build driving automation systems, as defined by the SAE J3016™ Standard: Levels of Automated Driving. Both organizations see great industry benefit from harmonizing related work and forging cooperation around the mutual goals of influencing innovation and promoting the development of technology standards, best practices and benchmarks in respective areas of interest.

SAE and AVCC recognize the importance of establishing this relationship and fostering close cooperation in a number of ways including:

- ● Reducing duplication and competing specifications by harmonizing work around functional safety, security, industry terminology and reports
- ● Establishing ongoing information exchange, including draft work to provide a mechanism for early review and planning
- ● SAE hosting AVCC approved documents, and making them readily available to all SAE members
- ● SAE and AVCC developing joint marketing initiatives, such as podcasts, webinars and virtual events around topics of shared interest such as cybersecurity, image processing, system architecture models, etc.

“For the industry to move forward, we need more collaboration and agreement,” shared Armando Pereira, President of the AVCC. “Our work with the SAE will not only solidify standards adoption in the AV space, but will provide the benchmarks and roadmap necessary to engineer efficiently for optimum compute performance.”

To learn more, check out [AVCC](#) and [SAE](#) today.

About AVCC

The Autonomous Vehicle Computing Consortium (AVCC) is a global nonprofit group of automotive and technology industry leaders coming together to help accelerate mass production of safe and affordable vehicles with assisted driving and autonomous compute technology (levels 1-5). This computing platform will be designed specifically to move today’s AV prototype systems to deployment at scale. The group collaborates to develop requirements for the compute platform architecture, its hardware requirements, and software APIs for



each building block in autonomous vehicle systems. www.avconsortium.org

About SAE International

SAE International is a global association committed to advancing mobility knowledge and solutions for the benefit of humanity. By engaging nearly 200,000 engineers, technical experts and volunteers, we connect and educate mobility professionals to enable safe, clean, and accessible mobility solutions. We act on two priorities: encouraging a lifetime of learning for mobility engineering professionals and setting the standards for industry engineering. We strive for a better world through the work of our philanthropic SAE Foundation, including award-winning programs like A World In Motion® and the Collegiate Design Series™. More at www.sae.org.

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