

- AVL Special Award -

Best Use of Test Systems

AVL is one of the world's leading mobility technology companies for engineering, simulation, and testing. With a clear focus on electrification, software, artificial intelligence, and automation, the company supports its customers in the sustainable and digital mobility transformation. More than 12,000 employees work at over 90 locations worldwide.

AVL is also a global leader in test systems, combining decades of engineering expertise with advanced measurement, automation, and validation technologies across the full vehicle and propulsion development process. Its testing platforms seamlessly connect virtual simulation with physical test environments, enabling faster development cycles with high accuracy and efficiency. With thousands of testbeds deployed worldwide and deep capabilities across combustion engines, hybrid systems, batteries, fuel cells, and electric drivetrains and full vehicle testing, AVL supports a broad range of companies, including top-tier motorsport teams. These advanced testbeds allow engineers to replicate racetrack conditions, analyze complex vehicle behavior, and optimize performance before competition.

Award Description

For this special award, we invite Formula Student teams to demonstrate how they use hardware test beds to improve the performance of their vehicle drivetrain. The focus should be on methodology, data usage, and the measurable impact of testing – whether through increased performance, improved reliability, or reduced real-world testing time. We are looking forward to seeing innovative concepts and clear, data-driven approaches.

Submission Requirements

Teams participating in FSA2026 can apply for the AVL Best Use of Test Systems Award by submitting either an **A4 one-pager**, or a **PowerPoint presentation (max. 4 slides)**.

Please send your submission to connect@avl.com.

Deadline: **July 21, 2026, 11:59 PM**

A selected group of finalists will be interviewed during the event by AVL technical experts. The winner will be chosen based on the interview and the submitted material.

Prizes, Prizes, Prizes:

1st Place: 1x AVL RACETECH Motorsport Experience for 3 people

incl. Driving Simulator Session & AVL Company Tour
+ 100€ "GrazGutschein" Voucher
*Travel, accommodation, and meals are **not included**.*
The visit date can be arranged flexibly with AVL.

2nd Place: 1x LEGO Formula 1 Car

3rd Place: 1x AVL Goodie Bag

