

CLEMSON FSAE October Update



COMPETITIONS

In September, the team embarked on its yearly trip to the Pittsburgh Shootout competition, taking home 7th place among 30 student teams. Learning from the Pittsburgh race, the team repaired and tuned the car throughout the month before heading out to Michelin's Laurens Proving Grounds facility to compete among 10 FSAE teams. At LPG, the team scored 1st place in skidpad, autocross, and acceleration as well as 2nd place in endurance, putting the team at #1 overall.

NEW RECRUITS

Thanks to great efforts by the entire team and recruitment lead, William Wei, the CUFSAE team is 50 members stronger coming into the Fall semester. These new recruits have been welcomed with pizza nights, lessons on race car building, and - of course - plenty of tasks to work on. Through the coming months and semesters, the team's new members will gain experience and knowledge in the automotive racing world, expand their network of colleagues and potential employers, and take on leadership roles within the team.

MEMBER HIGHLIGHT

Over the last few months, Nathan Stockwell – a Senior mechanical engineering student – became the team’s lead welder. Earlier this year, Nathan worked on welding the titanium exhaust manifold for the Tiger 23 race car. The interior of the exhaust, made of titanium, was prone to reacting with oxygen whilst being welded. To prevent this, Nathan kept argon gas flowing through the exhaust in order to expel oxygen from the area – a technique called back purging. With the help of his teammates, Mingyang and Blake who cut the metal tube pieces, Nathan completed the exhaust manifold after 75 hours of his own work. When he is not actively welding on his own, Nathan helps the team by training new members on proper welding. In the past few months, he has provided 20 lessons to members seeking to simply expand their welding knowledge or even become lead welder in the future.

