

NEWSLETTER

LFS26 ISSUE THREE • SEPTEMBER 2026



A LITTLE TIME TO REFLECT,

BY EUAN DEIGHTON
LFS26 TEAM LEADER

Where do we start? LFS26 has certainly been a roller-coaster, filled with challenges, setbacks, successes and countless moments worth remembering.

First and foremost, a huge thank you to everyone who has supported LUMotorsport. Formula Student is a true passion project, giving young engineers the opportunity to pursue that engineering and motorsport whilst at university; helping to propel their future careers. Your support makes that possible, and it is truly appreciated. When one judge asked, "What are you most proud of?", the entire year flashed before me: the successes, the setbacks, the frustration, the breakthroughs, and everything in between. My answer was simple: I am proud of it all.

Over the past eight months, I have watched LFS26 grow from humble beginnings into a team capable of taking on one of the biggest challenges in Formula Student. Seeing individual members learn, develop and overcome problems has been incredibly rewarding. I am immensely proud of what this team achieved in such a short time.

FSUK 2026 was certainly not without its complications, however, as displayed throughout the entire year, the team never let these hurdles define us and always pushed to resolve the issues. The determination to solve problems, learn from setbacks and keep pushing was exceptional. Motorsport is never easy; winning is what we chase, but it is the lessons from the times we don't win that keep us coming back and learning for the future. To grow stronger from shortcomings. LUMotorsport embodies that mentality.

That hard work culminated in a 25th-place finish at FSUK — one place higher than in 2025 — alongside bringing home the Aston Martin Diversity and Inclusion Award. Both achievements are testament not only to the engineering effort, but to the commitment and work happening across the entire team behind the scenes.



The team finished the 2026 season with some car running; resolving some new and existing problems. It was a great end to the year to see the car racing round. The data gathered will help unlock the next stage of development and performance.

Formula Student has been a huge part of my university life, and I am incredibly proud to have had the opportunity to lead LUMotorsport. After five years, it is difficult to walk away, but I am equally excited to see what the next team can achieve. From what I know of LFS27, there are exciting times ahead. Good things are coming. We could not produce the car without the support of our sponsors.

To all involved in LFS26: thank you. Thank you for the hard work, the support, the memories, and for continuing to chase the goal when things got difficult.

I wish LFS27 the very best. I cannot wait to see what can be achieved next.

TABLE OF CONTENTS

Introduction • P. 1

FSUK Results • P. 2-3

Departments • P. 4-7

Partners • P. 8

FSUK26 RESULTS

DESIGN 13th
COST 30th
BUSINESS 34th
LTS 17th
OVERALL 25th

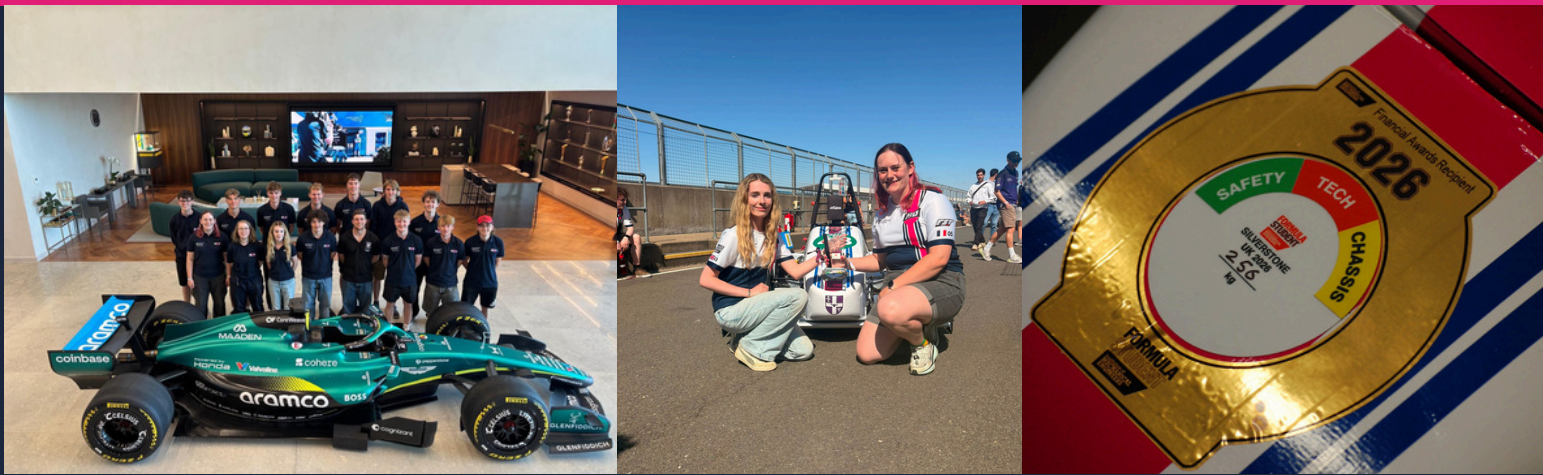


The team had a positive start to the weekend, competing in all three static events, as well as making it through Technical Scrutineering on Friday.

Across the weekend, we also made progress through HV and LV scrutineering. Unfortunately, an issue with our discharge circuit meant that we were unable to run, despite the team's best efforts.

On Saturday, the team were invited to the Awards ceremony, where we were presented with the Racing Pride Aston Martin Diversity and Inclusion Award. This was the result of a year-long project within the team to improve inclusivity. As a part of the award, we were invited to Aston Martin F1 team on Monday, which we thoroughly enjoyed.

Across the competition, younger team members had the opportunity to learn more about scrutineering and FSUK events, helping to develop the next generation of the team.

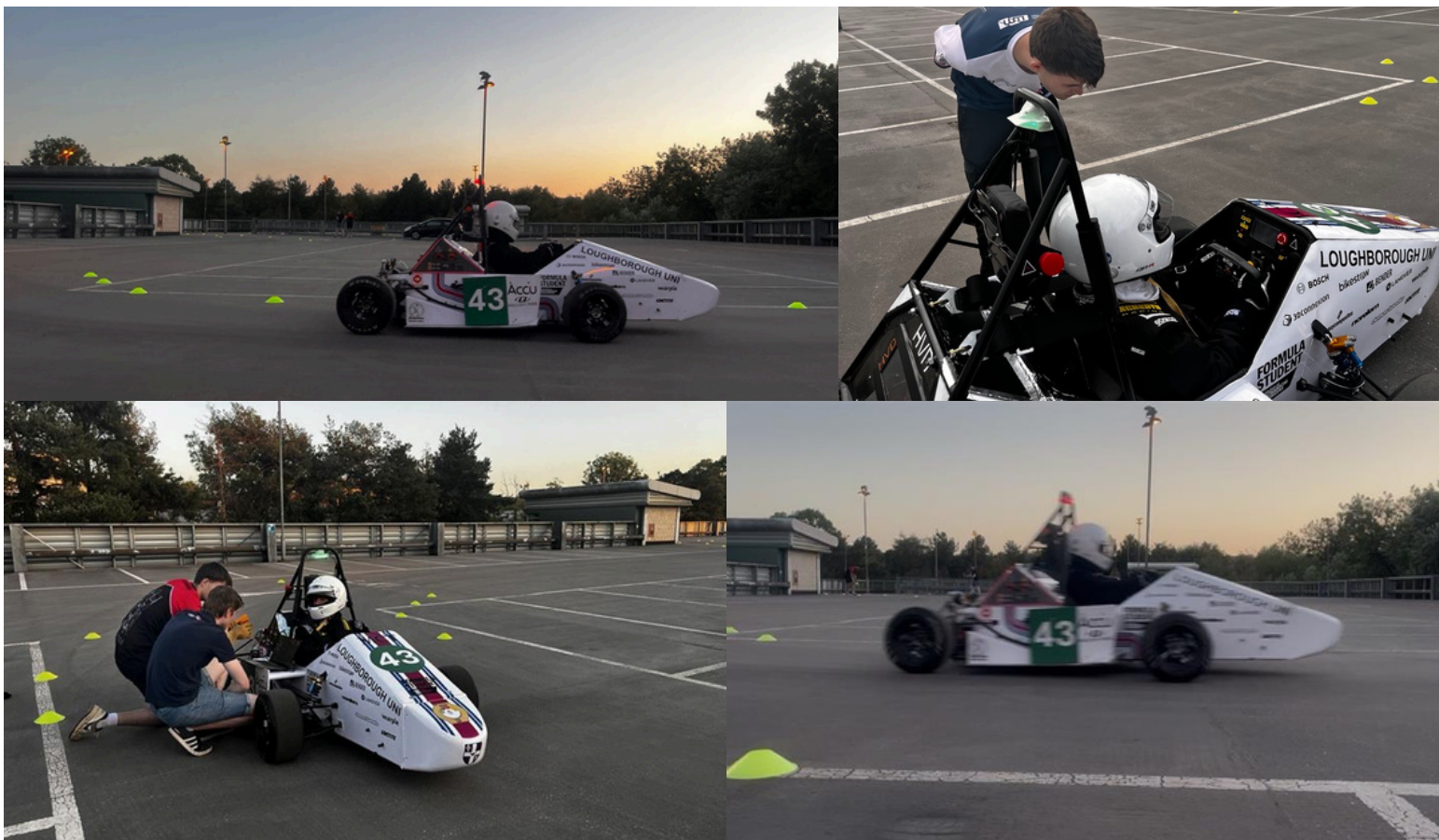


Alongside the Racing Pride Aston Martin Diversity and Inclusion Award, the team were incredibly happy to be awarded the IMechE Financial award for the third consecutive year. This funding gave us the opportunity to develop our electronics workspace, which provided a learning space that we have used to build our electronics team.

LFS26 POST COMPETITION TEST

Although we were unable to run at FSUK, the goal of the LFS26 project was still clear: to produce a car that can run reliably and consistently. The team worked hard over the remainder of the summer to fix the issues that we had at competition, and at the end of August LFS26 ran for the first time. The team faced a year of challenges, but ultimately achieved a running car, which can be built on for LFS27

This achievement would not be possible without working as a team, and one of the biggest strengths of LFS26 was the ability for the leads and senior team members to work together and solve problems. Being an inexperienced team, mistakes were made, but each issue was dealt with effectively by the team, to produce a final package that each team member can ultimately be proud of.



CAR DESIGN

OVERVIEW

The team returned to a Space Frame Chassis, which allowed for plenty of learning within the team. Additionally, new Dampers allowed for a major improvement of the vehicle suspension system compared to previous years.

Additionally, a new system to remove the battery through the floor was developed, creating an easier and safer access point for the system.

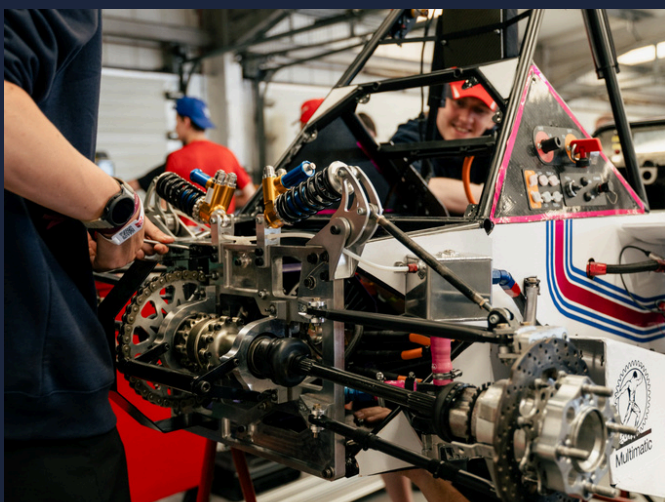
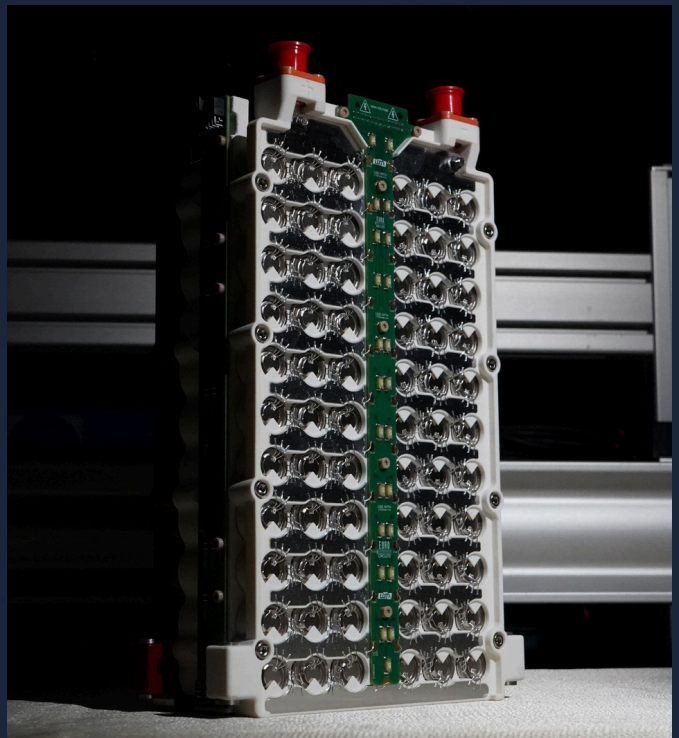


POWERTRAIN

OVERVIEW

The LFS26 powertrain builds on the architecture introduced with LFS25, developing the newly implemented system into a more mature, reliable and performance-focused package.

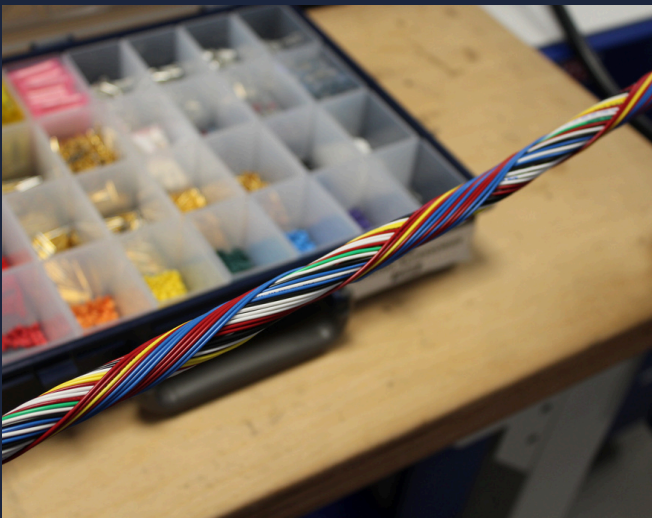
This allowed the team to retain a proven concept while improving drivability, consistency and overall vehicle performance.



ELECTRONICS

OVERVIEW

Live data visualisation was a key development point this year, previous drivers had access to very limited data, whereas now, any vital data required for car running is all presented on the dashboard and controllable by the driver. Two CAN buses are implemented to reduce bus load, allowing essential information to be communicated whilst maintaining message priorities.



PERFORMANCE

OVERVIEW

Compared to previous years, the Performance team has expanded massively - both in terms of personnel and in the work done. The Matlab Lap-Time sim was made more reliable, with improved physics based models, and refactored sensitivity studies, giving the design teams greater insight into how major design parameters impact car performance. Working alongside Suspension, a multibody suspension model was created in Adams, to analyse and validate dynamic performance and validate kin-solvers. New simulations were also developed for handling, gearing, and energy deployment. With LTS, the team achieved 17th at FSUK - a great achievement, especially considering no current team-members had used the software before. This year's tests have also been used as the training data-set for a neural network coded by the team in python, to guide vehicle dynamics in years to come.



PARTNERS

OVERVIEW

We are grateful to have been supported by many amazing organisations for 2025/26.

Take a look at some of the things we have been up to with them over recent months.

If you would like to support the team we would love to discuss this with you.

Email: LUMotorsport@gmail.com

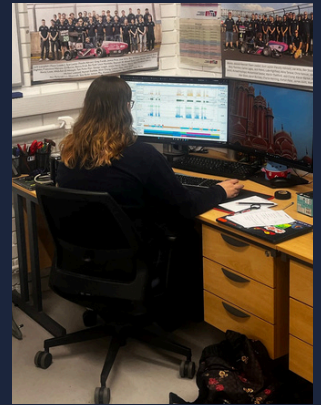
or

Visit: www.LUMotorsport.com



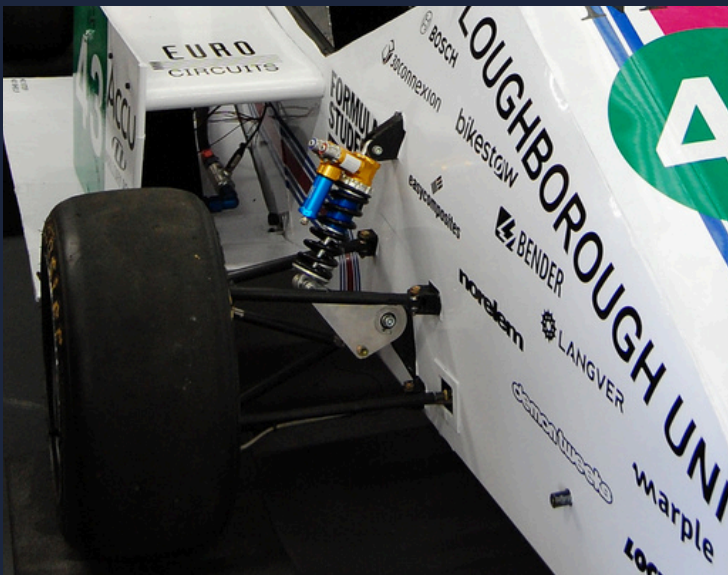
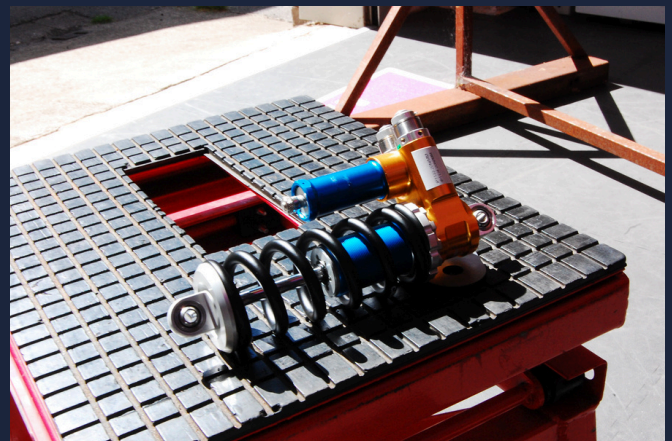
The team have been using Marple to analyse running data from LFS25 and LFS26.

This has been incredibly beneficial to the team, and has helped us target performance improvements for LFS27.

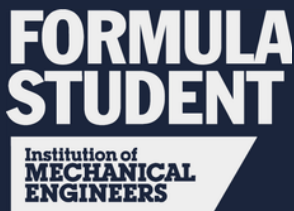


This year, the team switched to Multimatic Dampers.

We were invited to Multimatic to optimise our setup and ride height, helping us to ensure that we achieved the maximum performance from the supplied system.



LFS26 SPONSORS



CHECK OUT MORE ON

LUMOTORSPORT.COM/SPONSORS