



Monthly Brief

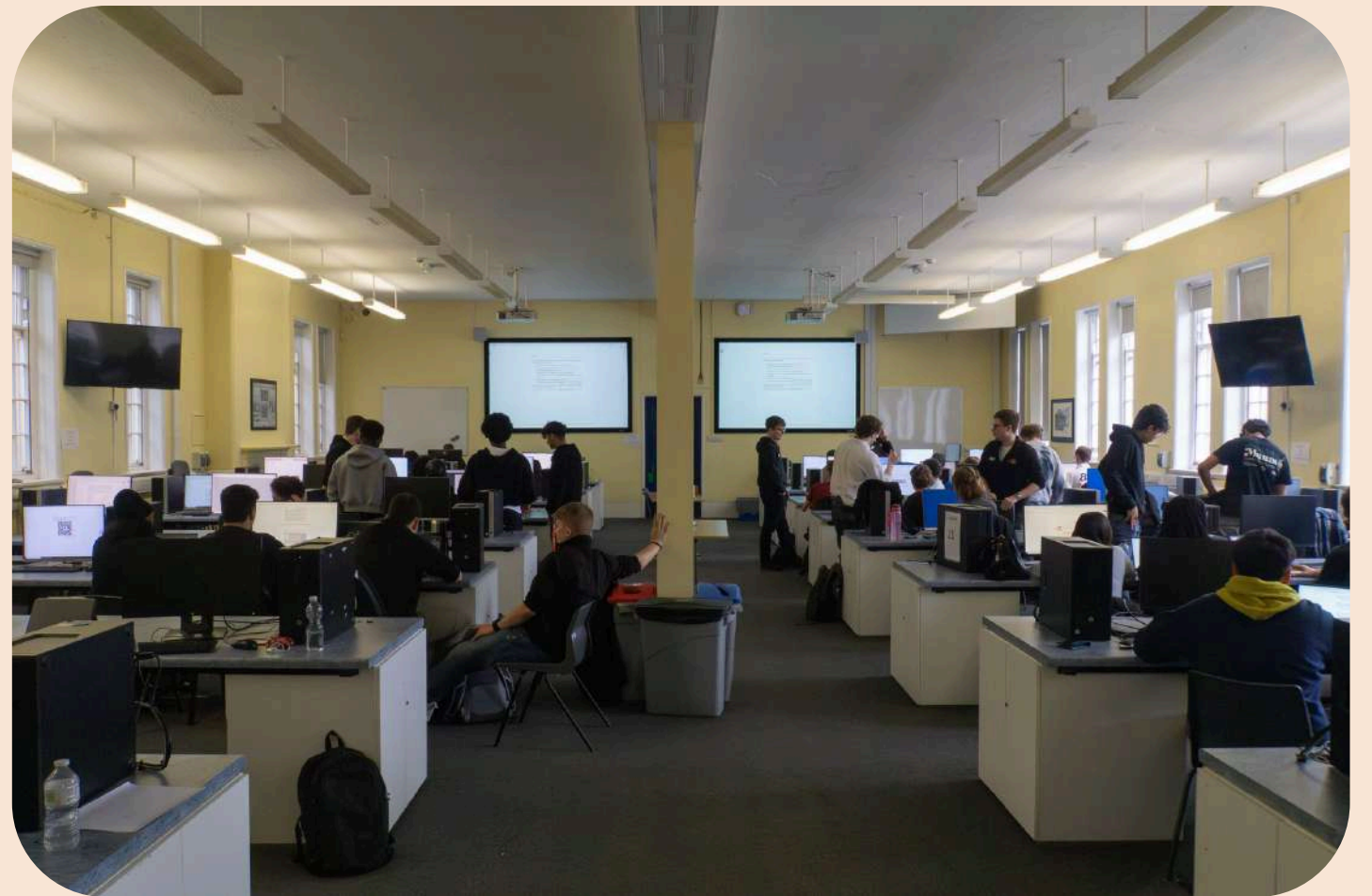
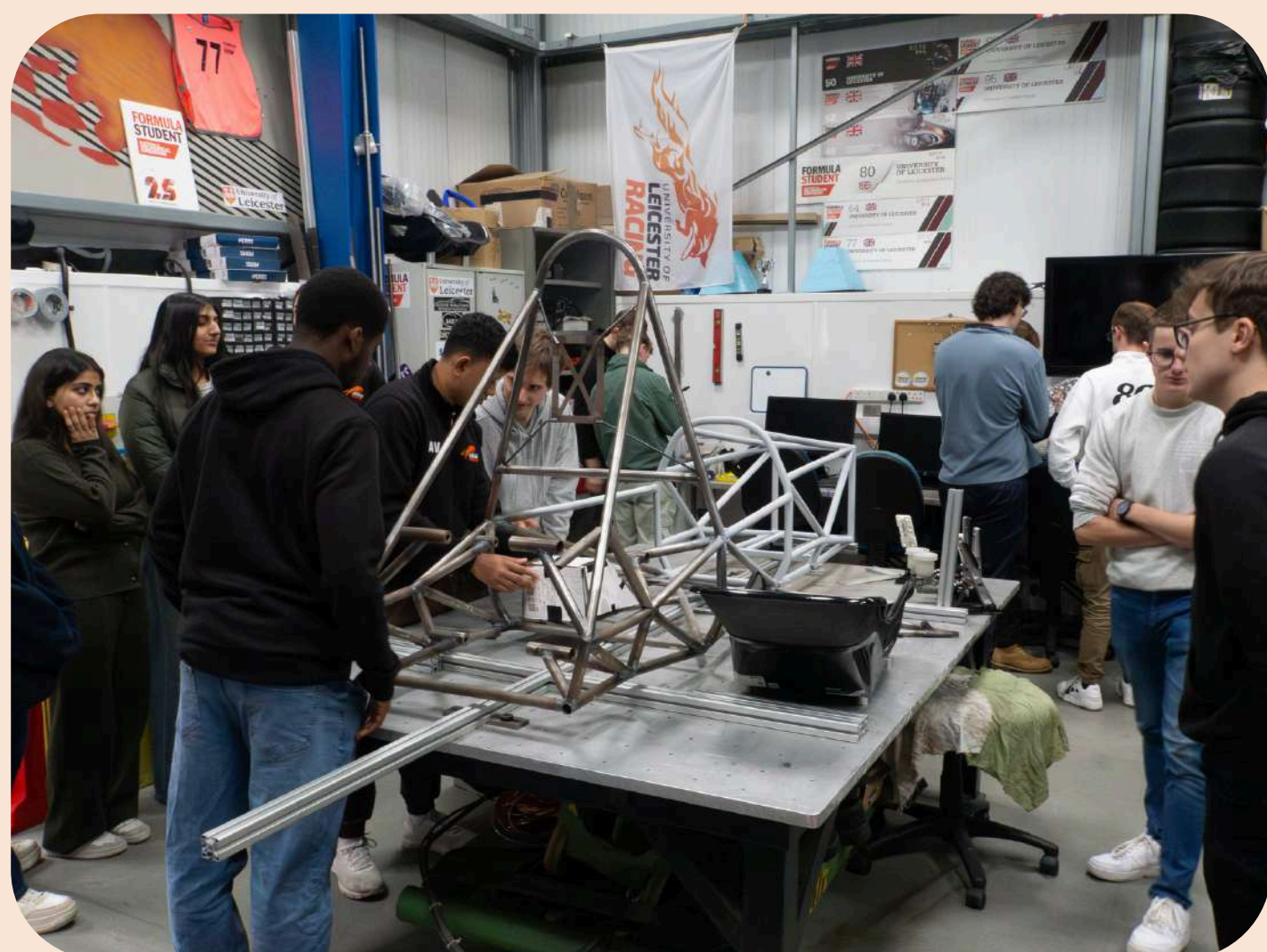
October 2024

TEAM PRINCIPAL OVERVIEW

The start of this month saw the kick-off of our weekly team design sessions (right & below). These are the teams' weekly meetings when everyone meets and can concentrate on Formula Student work together, away from their busy course schedules. The first session allowed all our new recruits to get to know their teams, get stuck in with learning their relevant sub-systems and work through the induction process to get properly onboarded onto the team.

The following week concluded our final round of recruitment focused on first and foundation year students. Our outreach during fresher's week at the fresher's fayre and recruitment talks in introduction lectures meant that we reached a record number of applicants. This university-wide interest has already opened many doors for the team, and we hope to continue this momentum throughout the year.

Since then, our new recruits have also been successfully integrated into the team and are learning key skills alongside our experienced members.



Another key milestone of the month was our first technical talk on Sponsorship Outreach hosted by our Chief Engineer. One of the aims we have set out for this year is for all our team leads to give a technical talk on their specialist areas. This will not only encourage knowledge sharing through the team but will also help our team leads to improve their presentation and public speaking skills to prepare them for the static events at FSUK25 and wider industry.

Our first social of the year followed; a Pub Quiz! It was wonderful to see so many members of the team interacting and enjoying themselves away from a professional setting. Team socials are a great way to break down the silos between sub-teams and break the ice for our newer members. Due to the overwhelming success, the UoL Racing pub quiz will be a frequent event throughout the year.

Finally, one of the key areas our team has aimed to improve on is our weekly output to sponsors and social media. This monthly brief is one of the steps we have made towards this aim with another being the formation of our media team who have been hard at work brainstorming ideas. Stay tuned on our socials for content coming over the coming months.

Callum Howes
UoL Racing Team Principal

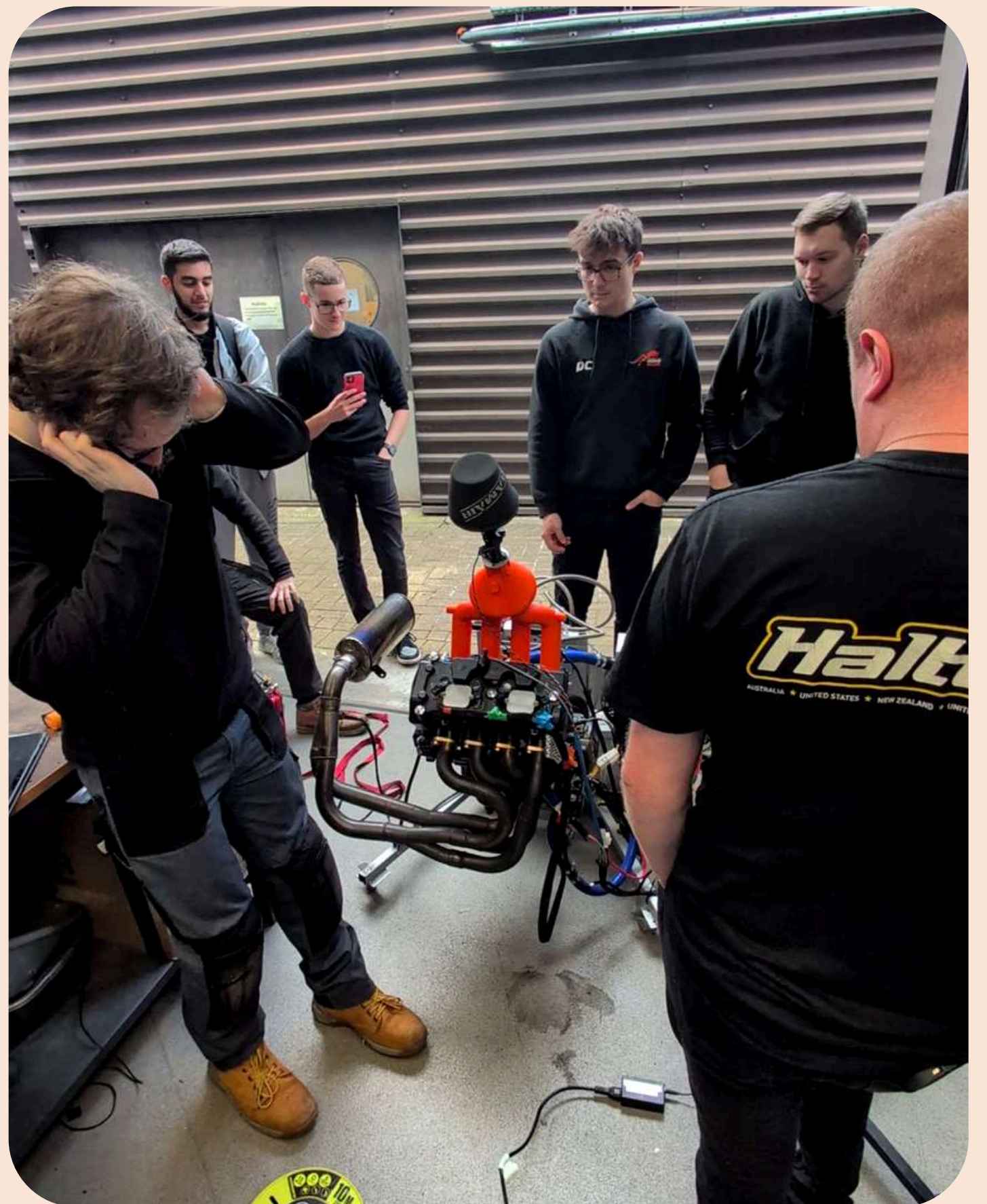
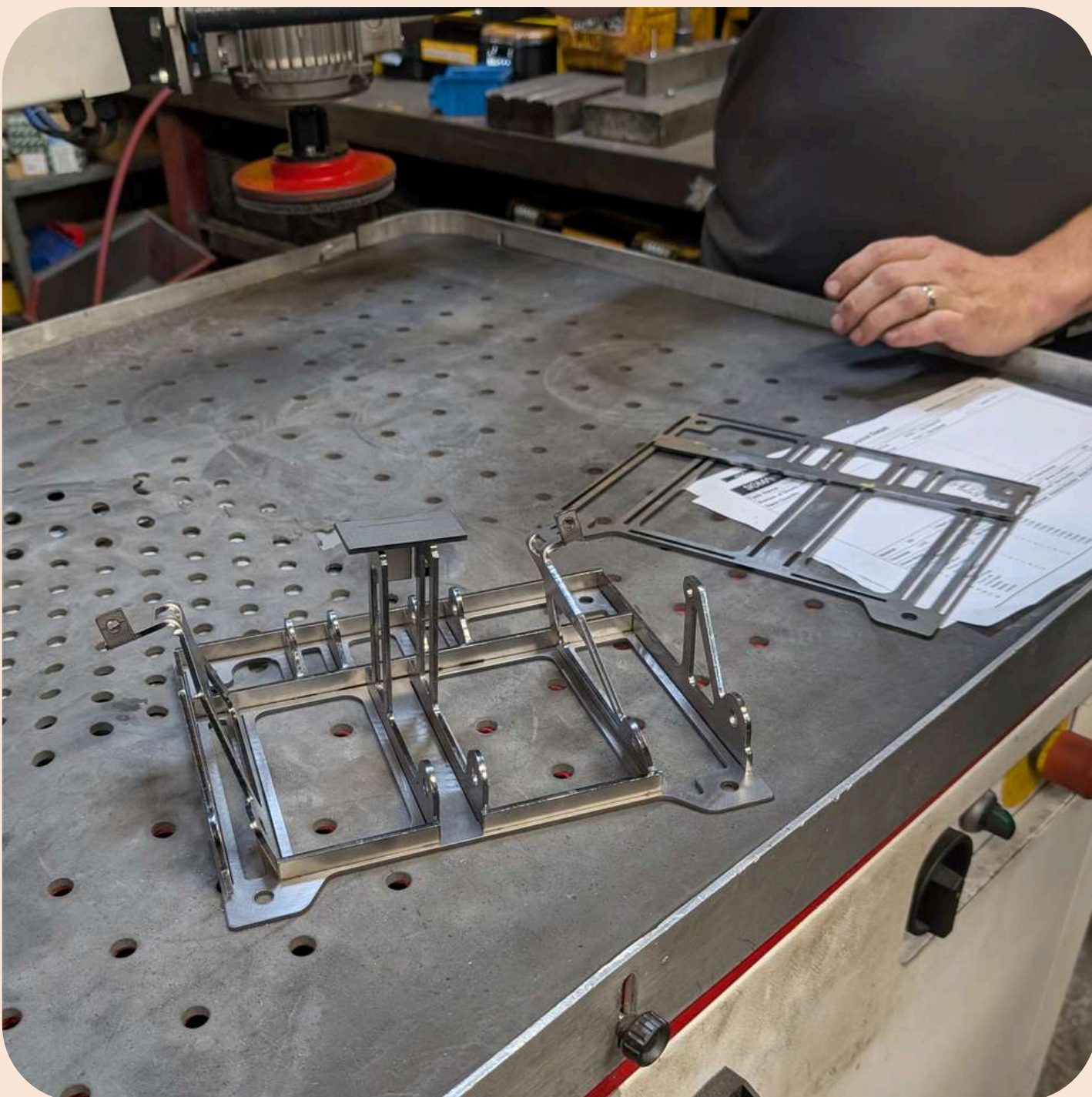


CHIEF ENGINEERS DEBRIEF

Firstly, our most exciting update, we managed to get the engine running at the beginning of October with help from Haltech (right). This leaves us in the very fortunate position of having a large portion of our first major technical goal, integrating the new control package, complete ahead of schedule. It also allows the controls team to divert their attention to the other components within the car.

Progress is being made with the chassis having its suspension tabs welded onto it. We currently have 3 of the front wishbones welded on with the final one to be completed this coming weekend.

The new pedal box has been manufactured by some of our team at KRAM Sheet Metals and is in the process of being assembled (below). The new design allows for integration of our new master cylinders with remote reservoirs which will allow us more flexibility in the packaging at the front end of the car.



We have a first draft for the design of our new exhaust with it currently undergoing review at Klarius. The team are working closely with them to understand how we can best design our exhaust to fit their manufacturing requirements.

Development of a new radiator package is underway with the initial design undergoing validation before it progresses for its design review at PMA Automotive Cooling. This will be a crucial step towards understanding the final design constraints for both the radiator packaging itself and the sidepods.

Overall, the team are hard at work ensuring the car is ready in time for testing with all major subsystems progressing well.

Dylan Crawford
UoL Racing Chief Engineer



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