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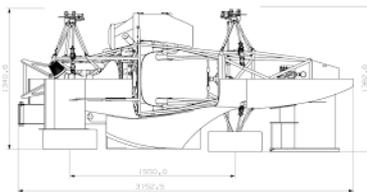


Team HARE Newsletter

Inside this issue



Team Member Introduction



Designs



Team Updates



Sponsors

Team HARE are making a great start to 2019!

2019 commemorates the teams' **20th anniversary** since its creation in 1999. Over the years, the team has seen lots of success, the main highlight being crowned as the **UK number one team in 2013**. The team is pushing extremely hard to surpass this great achievement this year with a high finish in the global ranking.

Designs are progressing well with drawings being produced and ready to be sent out for manufacturing. We can't wait to share our designs.



HARE17 Cockpit

In the spotlight

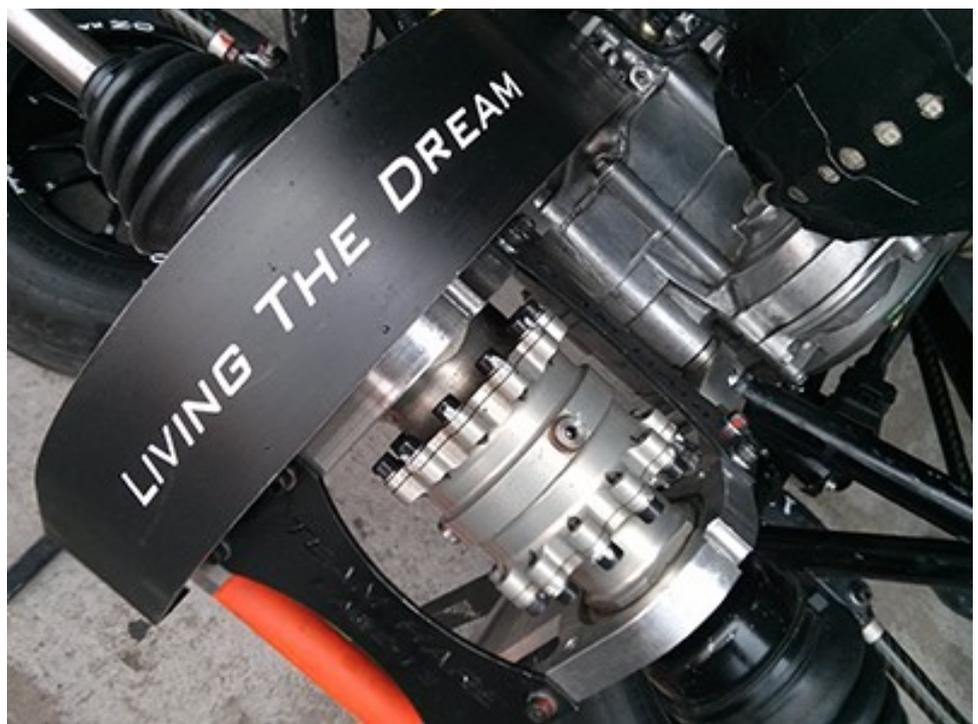
In each instalment of our newsletter we will introduce a team member.

This month we are introducing our Project Manager, Michi O'Shea.

Role Responsibilities:	Lead each area in terms of timing and budget from beginning to end of the project.
Personal team ambitions:	See all the time and energy put in, flourish into a Team HARE19 car.
Where are you from:	Cornwall, UK.
Interesting fact about yourself:	I am half Japanese, quarter Irish and quarter Cornish.
What are you most looking forward to this year in Team HARE:	Learning new skills.
Short Bio:	I am a car and bike lover from Cornwall in my 5th year of study at Huddersfield who enjoys skateboarding and surfing. I strive to learn new skills whenever I can, which often revolves around my vehicles and finance subjects.



Michi O'Shea, Project Manager



Team HARE, LIVING THE DREAM

Designs

The design philosophy for the HARE19 car is to improve reliability, reduce rotational mass and produce a new aerodynamic package.

To reduce the rotational mass, the options are to reduce the wheel size, or select a lighter material. We chose **both!** The huge design change of 13-inch aluminium wheels to 10 inch magnesium wheels has more than halved our rotational mass. This huge difference will make a significant impact on the nimbleness of the car through corners, allowing fast direction changes. Due to the change in wheels, it has lead to the whole suspension system requiring a re-design.



Comparison of old 13-inch wheels and new 10-inch wheels

We are pleased to give you an insight into our current design, which we look forward to fully reveal in the near future. We hope you're as excited as we are!



HARE19 Sneak Peak

Team updates

We are pleased to announce that we have been **accepted into the Silverstone event** which will take place from the 17th - 21st of July. For the event, we have selected **car number 88**.

We have received delivery of our new 10-inch wheels, supplied by OZ Racing.

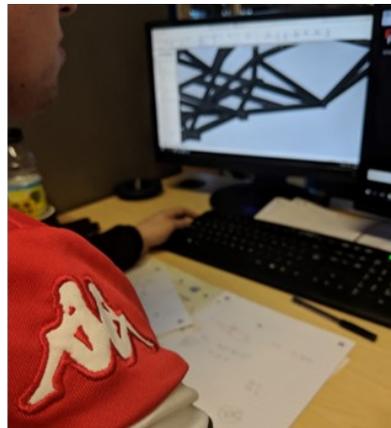
Due to the change to 10-inch wheels, new hubs and uprights required designing. To validate fitment and clearance around the wheels inner diameter we had our uprights and hubs 3D printed by Experimental Designs.

We also received delivery from Evolution Measurement, with their P-Series pressure sensor. This device will allow the mapping of pressure profiles over aerodynamic components. Which allows validation of our aerodynamic package through the comparison of raw data against simulated counterparts.

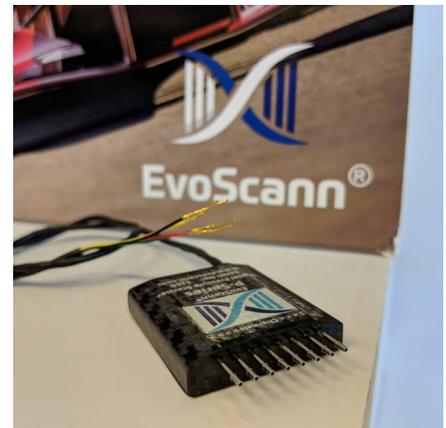
Another exciting delivery is our team gear samples from Kappa. With Kappa being our official kit supplier for the team, it can be guaranteed that Team HARE will be the best dressed in the pits. We received various samples which you can see in the brief sneak peak below. We look forward to getting our full gear with all our sponsors on display.



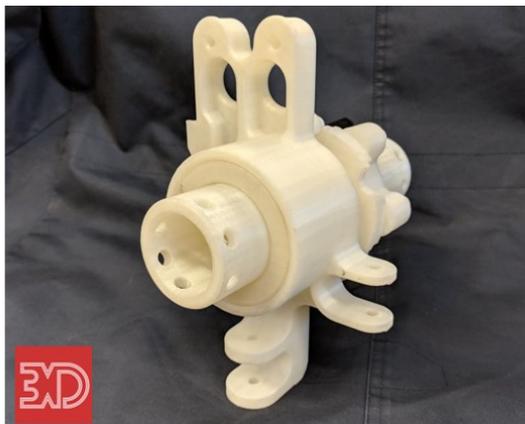
10-inch OZ Wheels



Kappa Sneak Peak



Evolution Measurement P-Series



Experimental Designs 3D Printed Upright and Hub Assembly



Car Number Reveal

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Without the support the support from our fantastic sponsors, Team HARE would not be possible.

We would like to say a huge thank you to our sponsors, and show our appreciation of their time and efforts that they have dedicated to us. HARE19 are very grateful for this.

If you want to learn more about us you can visit our team website, social media channels or contact us by email.



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