

TruForm SOLIDWORKS

GRM Sponsored *Academy Racing* Crowned F1 in Schools UK Champions & Advance to World Finals

Press Release

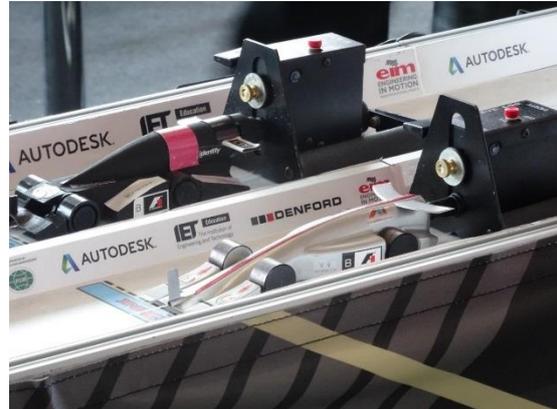


SUMMARY

After successfully finishing in second place in their regional championship, where Academy Racing were awarded prizes for *Best R&D* and *Best Team Identity*, the GRM Sponsored Student team went on to be crowned the UK Champions at the end of March. The team are looking to repeat their success at the World Finals in Kuala Lumpur later this year.

Academy Racing:
 – Fastest Nationally
 – To Compete Internationally

Academy Racing's Journey to International Success



Titanium Technology

Academy Racing created a pit display to showcase their work and also promote their sponsors. They created the theme 'Titanium Technology' on account of their wheels which were 3D printed from Titanium and designed with the help of TruForm SW – a software provided by GRM Consulting to help the team optimize their car.

What is F1 in Schools?

F1 in schools is a competition where students are tasked with creating their own Formula 1 team. The challenge is to create the fastest miniature Formula 1 Car, powered by a compressed air cylinder; capable of covering a 20m track within 1.1 seconds, reaching speeds upwards of 50 mph.



Always Improving

Much like actual F1 drivers the students need to have lightning fast reflexes to launch their cars as soon as the grid lights turn green. Callum, the teams Marketing Manager, had great reaction times, as a result of which Academy racing won the knockout racing. Not only did Academy racing win the knockout racing but they broke the UK national record, which was set by them last year!





Academy Racing comprised of (from left to right in picture opposite) Abi Hirons - Graphics Designer, Eddy Hodierne - Team Manager, Callum Kennedy - Marketing Manager, and Elias Khimasia - Design Engineer.

Academy Racing were also awarded two university bursaries, tickets to the Silverstone GP, a factory tour with an F1 team, and trophies for "Fastest Car" and winning the knockout racing!

Who are GRM Consulting?

With a background in Finite Element Analysis, GRM Consulting is a design engineering consultancy, providing product, analysis and software solutions. Within its core is the development and application of design optimisation methodologies to solve complex engineering problems in the most efficient, cost effective way.



What is TruForm SW

SOLIDWORKS Simulation enables you to accurately and cost-effectively simulate how a design will behave in response to given load cases. Within the familiar SOLIDWORKS environment, TruForm SW then guides design engineers to develop the lightest, most cost effective structure, reducing the time spent developing and hence minimising the time to market.



Watch the full UK event here: <https://goo.gl/1ny408>

GRM Consulting wish the students from WMG all the best at the world finals.