



UTFR

UNIVERSITY
OF TORONTO
FORMULA
RACING

MONTHLY NEWSLETTER

ISSUE 01 / SEPTEMBER 2023

THIS MONTH

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An overview of our competition season

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Highlighting our newest sponsors

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Looking forward to autumn events





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INTRODUCTION

Welcome to the first University of Toronto Formula Racing team newsletter! We hope you have enjoyed your summer; our team definitely has. We plan to send out a newsletter on the first Monday of each month with all the information you will need to stay updated on the team's progress.

This past summer, the University of Toronto Formula Racing (UTFR) team competed in its most successful season in many years! We were able to compete in three competitions across the world, opposing some of the best teams in FSAE, and were immensely successful at each one! These results were achieved through the tenacity and dedication of the team over the past year as well as all the generous support we receive from our sponsors.



T H A N K S

Thank you for following UTFR's progress and keeping in touch. We appreciate all assistance given to the team, as without it this past season would not have been such a huge success. As we move forward into a new season and finish designing the UT24 car, we are excited to continue to work with you and push forward to future success!



23

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NEW
HAMPSHIRE
FORMULA
HYBRID +
ELECTRIC

1ST

RESULTS

This was a challenging competition with ever-changing weather conditions requiring both dry and wet running of the car. Fortunately, we were able to overcome these obstacles and finished 1st overall!

SPECIAL
FEATURES

✦ This was the team's first time competing in New Hampshire!

✦ The endurance event in New Hampshire is twice as long (44km!) as the standard Formula SAE and Formula Student length. This placed huge emphasis on the reliability and durability of UT23's design throughout the event



TROPHY

FORMULA
SAE
MICHIGANSPECIAL
FEATURES

✦ 70 teams competed in Michigan, making it the largest electric SAE competition in North America!

✦ A dry and sunny June week translated into intense heat as temperatures surpassed the high 20s and crept into the 30s. This led to concerns over our battery pack overheating. Thus, some of the preparation for dynamic events included putting ice packs on the car to prevent overheating. We were able to monitor our temperatures throughout our running, and kept all within optimal operating ranges.



RESULTS

This year, we matched our best ever finish at Michigan, placing 5th overall out of 70 teams! We also reached the finals for the Business Sales Presentation.

5TH

23

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FORMULA
STUDENT
CZECH



RESULTS

6TH

SPECIAL
FEATURES

Despite the higher caliber of competition, we finished 6th place overall! We also placed 1st in Efficiency, and were finalists in the business plan portion of the competition.

✦ This was our only European competition of the summer, and was a much higher level of competition overall.

✦ Our consistency throughout all events proved to be critical to our success. To win, a team must finish all static and dynamic events. Through our core focus on reliability, we achieved our goal of completing all events we entered, helping us surpass more technically complicated teams.

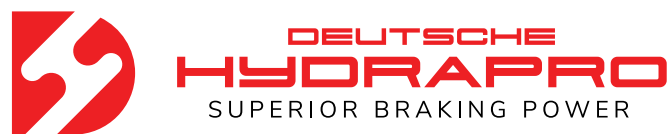
SPONSOR SPOTLIGHT



Over the summer we were fortunate enough to add a few fantastic new sponsors to the team! The most recent company we have partnered with is Batemo, from Karlsruhe Germany. Their knowledge and specialty focus on understanding battery cells will be immensely valuable for the team to better understand how our cells age and perform under load.



Our electrical team is also looking forward to working with fellow GTA based organization, Jule this year on our high voltage system. Their expertise working with electric vehicles and high voltage systems will help the team to continue to develop and refine our own high voltage system.



Our mechanical and driverless vehicle teams will be working with Deutsche Hydrapro to make our driverless vehicle braking system successful. Deutsche Hydrapro graciously provided us with brake actuators as well as manufacturing and testing of EBS Pistons and knowledge on how to implement their systems.





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LOOKING FORWARD

S E P T . 1 8

W O M E N I N
M O T O R S P O R T S



S E P T . 3 0

T O R O N T O
S H O O T O U T

The UTFR Women in Motorsport Panel is an annual event that introduces our incoming and returning students to some of the many talented women in the motorsport industry. The panel will consist of a moderated question period where our panelists (made up of drivers, engineers and business-women) will have the chance to share their motorsport journey and have an engaging discussion on industry challenges and goals before opening the floor to a Q&A period. It will be on the St. George campus on Monday, September 18th from 6:30pm to 8:30pm with more information to come. Join us in person, or via Instagram live. Make sure to follow our Instagram for more updates!

UTFR will be competing in the 2023 Toronto Shootout, located in Northern Ontario. 20 teams from across Canada and the United States will have the chance to race in the last competition of the season!



S E P T . 6

C L U B S F A I R

This is our first recruitment event of the year, focusing on recruiting first year students for every section of the team!