



PHOTONIC

SPONSORSHIP PROSPECTUS

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Welcome

We are Photonic Racing, a team of three students from Blue Mountains Grammar School, competing in the F1 in Schools STEM Challenge in 2020. We have each previously taken part in the competition, representing teams Awaken and Thrust Vector/Paradoxum, and have won Regional, State, and National Finals, as well as qualifying for and competing at the F1 in Schools World Finals held in Abu Dhabi in November 2019. We couldn't get enough of this competition, so we invite you to join us on our next journey through the F1 in Schools STEM Challenge.

The Cars For Paradoxum, Thrust Vector, And Awaken, Respectively.



About the Competition

F1 in Schools is a global competition, with over 17,000 students taking part in 51 countries every year. This STEM-based competition is designed to foster and improve students' skills in Science, Technology, Engineering and Maths, as well as lifelong lessons in communication, leadership, marketing and project management.

Students must design, build and race a miniature, Formula 1 car capable of reaching speeds in excess of 100km/h, as well as create and market a team brand, and produce portfolios documenting their work. Points are awarded out of a total of 900, and each aspect of the competition is scored, ensuring students develop and engage with a wide range of skills.

There are 4 rounds to each season, Regionals, State, Nationals and the World Finals, with the top teams from each stage progressing to the next. We will be competing in the Western Sydney Regionals competition, held in August or September this year.



Thrust Vector Competing In Reaction Racing

Meet The Team

Nick Hayes - Team Manager & Design Engineer

As the Team Manager, Nick is in charge of keeping the team and our tasks organised, and ensuring that all work is on track to be completed to as high a standard as possible. Having been to the World Finals, he has a wealth of experience about what is needed to run a successful team. He also models each of our prototypes using CAD (Computer Aided Design) software, using his exceptional skills and knowledge of aerodynamics to design the best car possible.



Oliver Freeman - Testing Engineer & Resource Manager

Oliver is in charge of the refinement of the car design, and uses his knowledge of physics and aerodynamic principles to ensure that our car is designed to perfection. He utilises both virtual and physical testing, such as CFD (Computational Fluid Dynamics) or FEA (Finite Element Analysis) to test the strength, drag, and airflow of each prototype. Along with this, he works with Nick to manage our funds and resources, ensuring that all costs are prepared and accounted for.



John Zhu - Manufacturing Engineer

In his role as the manufacturing engineer, John utilises a wide variety of manufacturing methods and techniques to turn the virtual designs into a reality. He oversees the manufacturing and assembly of the different parts of our car, and makes sure that every element of the car is manufactured to the highest standard. He also is integral to the design and construction of our pit display, and ensures that it too is made to perfection.



Why Sponsor Us?

We want to help develop a beneficial and long-lasting relationship with you, and provide you with exceptional recognition for your sponsorship of our team. The F1 in Schools competition allows for unique and exceptional opportunities to showcase your brand to local, statewide and nationwide communities, as well as the education and STEM communities. We offer many exposure and ROI opportunities to best promote your brand both within, and outside the competition. These include:

Logo placement on competition elements, such as portfolios, uniforms, displays and cars.

Digital media exposure, such as on our social media or our website.

Recognition during marketing and outreach events.

Your merchandise materials present on our competition trade display.

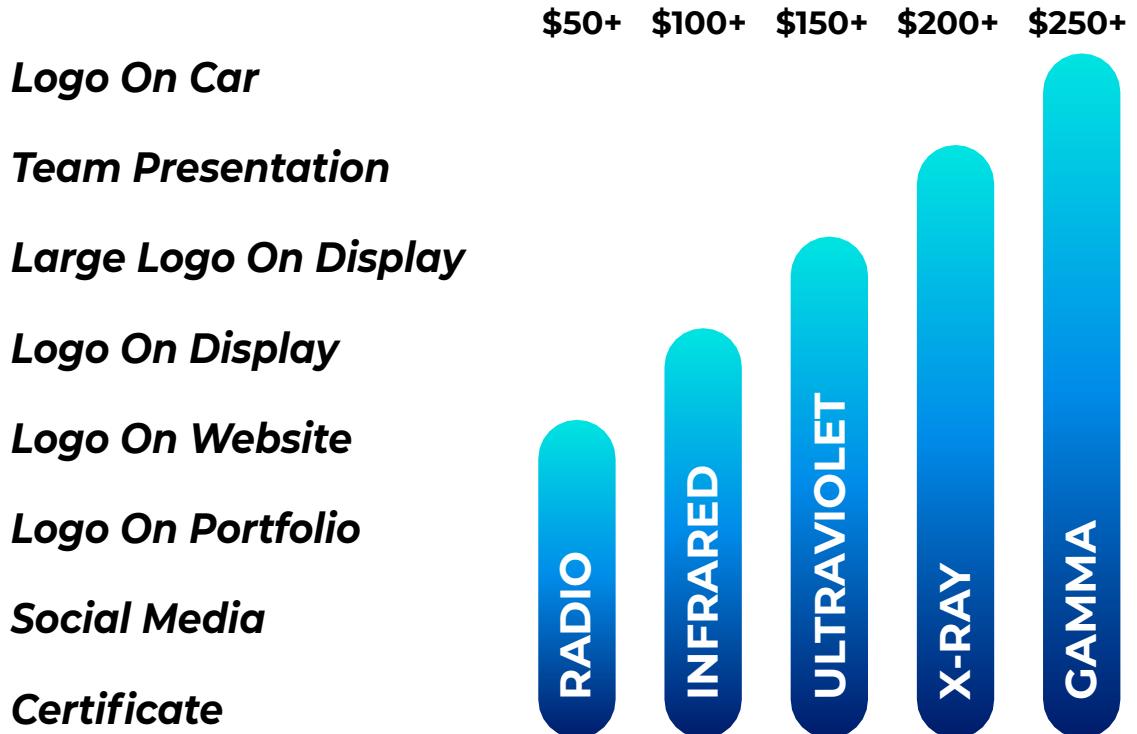
Recognition of sponsorship to display at your office or business, or a presentation about F1 in Schools and future STEM careers and skills for your employees.

Recognition and promotion of your brand at the largest STEM competition in the world, and outreach to attendees, such as media outlets, teachers, industry professionals or the wider public.



Sponsorship Tiers

We have 5 different tiers of ROI opportunities for various sponsorship or mentoring assistance. We hope you can find the suitable option for your brand, and these opportunities are flexible. Please don't hesitate to contact us if you have an enquiry or specific sponsorship request, as we are happy to offer specific benefits upon request. Thank you for your time and consideration in your sponsorship of our team.



Mentoring

Monetary support isn't everything, and we would love some assistance and mentoring from industry professionals, as working with, and gaining skills from industry professionals is an integral part of the competition. Whatever your profession, be it engineering, design, manufacturing, painting, marketing, graphic design, display design, project management or presenting, it would be wonderful to speak with you and learn from you! We are more than happy to recognise our mentors with our ROI opportunities, and are happy to offer specific benefits or tiers.



*Our Design Engineer Receiving Advice From A
UNSW Formula SAE Team Member*

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