



# MTAA SUPER SOL INVICTUS NEWSLETTER

July 8, 2019  
97 days until the race

## Carbon Fibre Update



The carbon fibre chassis for this race's vehicle is going through its final touch ups. Two of our team members drove up to Sydney to get an update from our client and sponsor Sydney Composites, as well as to transport the 800kg mould used to make the chassis back down to our workshop in Canberra.

## Battery Cell Arrival



The arrival of the batteries for the car caused quite an excitement in the team this week. Once the PCBs (Printed Circuit Boards) arrive, which are expected to turn up ASAP, the electrical team are going to have their hands full!

## Driver Training Underway



Our drivers have to undergo very difficult conditions when driving the car on the race. Having to withstand up to 55 degrees for hours on end with little suspension to speak of, our drivers have begun rigorous physical and mental conditioning through sessions with our sponsor ANU Sport.

## Presentation to Canberra EV



This week our team participated in some local community outreach via a collaboration with the Canberra branch of the Australian Electric Vehicles Associations (AEVA). The team opened the Canberra EV meeting this month with a presentation, outlining some of the more technical aspects of our project and the MTA Super Charge 2.



**HELP DESIGN OUR NEW SOLAR CAR!**  
MTAA SUPER SOL INVICTUS COLOURING COMPETITION

The Australian National University's Solar Car Team needs your help! Colour in the above picture of our solar race-car using only blue, orange, black, and white colours with your favourite design for a chance to win prizes for you and your school! Our favourite design will even be used for the car we will be racing from Darwin to Adelaide! Happy colouring!

Name: Jedah  
School: Cherrywood-Dunlop School  
Class: IEC 4

mtaa super SOL INVICTUS

Email entries to [wsc.ecs@anu.edu.au](mailto:wsc.ecs@anu.edu.au), or return the form to your teacher. Prizes listed on [anusolinvictus.com/colouring2019](http://anusolinvictus.com/colouring2019)  
Winner will be chosen and notified by 6/07/2019

[www.solinvictus.com](http://www.solinvictus.com) [facebook.com/solinvictusanu](https://www.facebook.com/solinvictusanu) [mta\\_sol\\_invictus\\_solar\\_car](https://www.instagram.com/mta_sol_invictus_solar_car) [WGC.C1C10BRLA0Sj0I](https://www.youtube.com/channel/UC1C10BRLA0Sj0I)

The ACT Primary Schools colouring competition has drawn to a close!

Here at the MTAA Super Sol Invictus team, we love getting involved in events with both primary and high schools around the community. The opportunity to engage with and inspire young students who were just like us a decade ago is something that we as a team cherish. Not only might these be future members of our team but they will help to shape the world that we live in.

This year, we ran a colouring competition which saw more than 500 entries from 69 different schools around the ACT submit entries to design the livery of the MTAA Super Charge 2.

The students are competing for a host of prizes for themselves and their school including 3D printed scale models of the car, visits from the MTAA Super Sol Invictus team along with the MTAA Super Charge, as well as the fibreglass mould of the MTAA Super Charge 2! Our top 10 entries will come along to the 'Finalists Day'. These students will be invited to the MTAA Super Sol Invictus workshop on campus at the ANU, along with the team and the under construction MTAA Super Charge 2. The finalists will have the opportunity to build and race their own miniature solar car and help the Sol Invictus team work on the MTAA Super Charge 2. The winner of the competition will be announced on the day, with the winning design printed onto the side of the solar car! All of our finalists will get to sign their name on the inside of the solar car but the lucky winner will have theirs printed on the outside.

The finalists along with their designs will be announced on our social media at 9am tomorrow!

With just 97 days until the start line the team is trekking along and making great progress in the construction of our newest solar car and getting ready for the big race. I would like to welcome three new members to our marketing team, Ella McCarthy, Holly Jones and Robin Hodda who will all be helping to create fantastic content! It isn't all work and no play here though, with the team having just spent the weekend reviewing the colouring in competition entries from over 500 talented primary school students!

~ Avik Mason, Project Lead ~



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