**SOLAR CAR CHALLENGE**

SPRING WEBINAR SCHEDULE

10:30 AM Saturday

January 16, 2021

 **Upcoming Dates of Importance**

* *Intent to Race document deadline – January 31, 2021*
* *Registration Updates – April 30, 2021*

 *Presented by Dr. Lehman Marks*

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|  | **The Importance of Refining your team’s Project Calendar for the Spring*** *Have you reached your fundraising goal?*
* *Have you ordered all of your construction materials?*
* *Are the mechanical diagrams and electrical schematics completed?*

*Discussion led by Dr. Lehman Marks***Solar Car Power Management***Presented by William Shih, Deputy Race Director*  |
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11:30 AM Saturday

January 16, 2021

 **Importance of Properly Prepared Mechanical Drawings & Electrical Schematics**

 *Presented by Dr. Lehman Marks, Chris Jones, and Jarrett Dunn*

 **Using Siemens Solid Edge Software to make Mechanical Drawings**

 *Presented by Kyle Ayuda, Portfolio Development Executive, Solid Edge, Siemens*

10:30 AM Saturday

January 30, 2021

 **A Special Look at** **Building a Solar Car Steering & Suspension**

 *Presented by Jarrett Dunn*

 **Meet the Wylie East Solar Car Team**

*Hosted by Tony Roseberry, Team Adviser*

11:30 AM Saturday

January 30, 2021

 **The importance of Solar Car Project Management** *Presented by William Shih, Deputy Race Director*

 **Panel: How to Keep Parents Invested in the Solar Car Project**

*Presented by Shannon Calloway (Covenant Christian Academy), Charlene Olson (The Winston School), and Marianne Varner (Arlington ISD)*

10:30 AM Saturday

February 13, 2021

 **The Importance of Battery Connections in the Solar Car Battery Box**

*Enrique Elias, Prosper High School Solar Car Team Advisor*

 **Meet the Prosper Solar Car Team**

*Prosper High School Solar Car Team*

11:30 AM Saturday

February 13, 2021

 **How to Best Use Relays in your Electrical System Design**

*Presented by William Shih, Chris Jones, and Jarrett Dunn*

 **The Importance of Proper Stop and Turn Signal Lights**

*Presented by Michael Foree*

10:30 AM Saturday

February 27, 2021

 **What happens during a typical Race Day at the Texas Motor Speedway**

 *Presented by William Shih*

 **How to Drive a Closed-Track Race at the Texas Motor Speedway**

 *Presented by Lucas Duduit, Captain and Driver, Pana Solar Car Team*

**How to Best Use the Driver Change Area**

*Presented by William Shih*

11:30 AM Saturday

February 27, 2021

 **Solar Car Aerodynamics**

*Presented by Mark Westlake, Director of the St. Thomas Academy*

 *Innovation Center*