

**2019 Race Engine Challenge DYNO Racing and Technical Engine Conference
Schedule/Topics/Speakers**

Monday, September 16th

8:00 – 9:00 AM	Team 1 DYNO Run
10:00 – 11:00 AM	Team 2 DYNO Run
12:00 – 2:00 PM	Lunch Break
2:00 – 3:00 PM	Team 3 DYNO Run
4:00 – 5:00 PM	Team 4 DYNO Run

Tuesday, September 17th

8:00 – 9:00 AM	Team 5 DYNO Run
9:00 – 10:00 AM	Harold Bettes powertechnologyconsultants.com Harold worked for Superflow for 26 years and will speak about how to interpret dyno results looking at correction factors, inertia factors and what you should look for if you are going to rent dyno time.
10:00 – 11:00 AM	Team 6 DYNO Run
11:00 – 12:00 PM	Abe Morales and Rick Williams techlinecoatings.com Coatings have come a long way over the decades. Engine builders will learn how they can do coatings in their own shop that they had to send out in the past.
12:00 – 2:00 PM	Lunch Break
2:00 – 3:00 PM	Team 7 DYNO Run
3:00 – 4:00 PM	Steve Sousley profabrication.com There is more to headers than just picking 4-1 vs 4-2-1. Today there are more choices of material and which will work best in your application. Cost is always a factor and that will be spelled out.
4:00 – 5:00 PM	Team 8 DYNO Run

Wednesday, September 18th

8:00 – 9:00 AM	Team 9 DYNO Run
9:00 – 10:00 AM	Richard Gladly vpracingfuels.com VP Racing Fuels is best known as the World Leader in Fuel Technology®, fueling champions in virtually every form of motorsport on land, sea and air since 1975. VP's most recent diversification efforts include the introduction of VP Hi-Performance, Classic and Pro Grade Racing Lubricants amongst a vast array of custom blends for custom needs.
10:00 – 11:00 AM	Team 10 DYNO Run
11:00-12:00 PM	Calvin Elston elstonheaders.com You want a broad power band? There is more to be found in headers than you realize. Calvin will also explain why most engine builders have too large a primary.
12:00 – 2:00 PM	Lunch Break
2:00 – 3:00 PM	Team 11 DYNO Run

3:00 – 4:00 PM	<u>Cecil Stevens</u> Cecil worked in many top NASCAR engine shops over the years in valve train stability. You'll learn where the weak link in the valve train can usually be found.
4:00 – 5:00 PM	Team 12 DYNO Run
<u>Thursday, September 19th</u>	
8:00 – 9:00 AM	Team 13 DYNO Run
9:00 – 10:00 AM	<u>Matt Bieneman</u> MBE Cylinder Heads & Manifolds MBELLC.com For many years before opening his own shop with some of the most sophisticated equipment, Matt worked for some the top teams in cylinder head and manifold development. You'll find out why that half inch on both sides of the valve seat is even "more important" than you think.
10:00 – 11:00 AM	Team 14 DYNO Run
11:00 – 12:00 PM	<u>Derek Dahl</u> Victory 1 Performance titaniumvalve.com Deciding how to spend/choose on parts for your next engine is never easy. Why going with titanium intake valves for more HP and making life easier on your valve train may be worth taking a hard look at.
12:00 – 2:00 PM	Lunch Break
2:00 – 3:00 PM	Team 15 DYNO Run
3:00 – 4:00 PM	<u>Dale Cubic and Wes Kiser</u> Dale on Carbs and Wes on EFI CFMperfcarbs.com This will be a panel discussion format moderated by Harold Bettles. Dale will explain why a dyno carb is different than your street strip carb and when EFI may be a better choice. Wes is a UNCC engineer graduate who worked at Roush Yates when the switch from carb to EFI took place. Whether it was injector placement/phasing/sizing, if they could think of it they tried it.
4:00 – 5:00 PM	Team 16 DYNO Run
<u>Friday, September 20th</u>	
9:00 – 10:00 AM	First of the top two engines compete to win.
10:00 – 11:00 AM	<u>David Vizard Part I</u> davidvizardperformanceengines.com David Vizard, research engineer, is not new to the seminar circuit given his success in holding many seminars over the years. As of today, David told us he is working on some new insights that he will be ready to share at this seminar.
11:00 – 12:00	Second of the top two engines compete to win.
12:00 – 2:00 PM	Lunch Break
2:00 – 6:00 PM	<u>David Vizard Part II</u> During this session David will demonstrate his Torque Master Cam and Component Selector software program. At the end of this lecture attendees will receive a "free" copy of this software program.

Saturday, September 21st

10:00 – until

TBD

Also on Saturday, we will have a drawing for a select few to have the opportunity to sit at the controls of the Superflow dyno and make a full power pull! It is one thing to look at dyno numbers and another thing to feel the power when you push the lever for a full power run. A co-pilot will be in the room assisting with the navigation.