



ASM Ontario Presents...

Materials Engineering for
the Mercedes F1 Power-Unit
"The Devil's in the Details"

with **Stephen Edge**
Senior Materials Engineer of Mercedes
High Performance Powertrains

Join Us: Feb. 2 2022 @ 1:00pm EST
FREE Registration for the Virtual Event
on our website www.asmontario.org

Formula 1 is the ultimate team sport with the collaboration of over 1000 talented and driven individuals, being publicly tested, on track, every other weekend.

In the world of Mercedes F1 Racing, High Performance Powertrains require a diverse range of teams to improve design aspects under tight deadlines to stay at the forefront of the competition. The Materials Engineering Team collaborates with a surprisingly wide array of departments, suppliers and engineers to help meet these deadlines and it's this close collaboration that allows Mercedes to successfully utilise a wide variety of materials and processes on their power unit.



In this talk Stephen hopes to convey the fast-paced world (in more ways than one!) that the materials engineers at Mercedes High Performance Powertrain are exposed to on a daily basis. The time constraints and cutting edge research make for an exciting workplace combination that keeps the team always driving forward. As a materials engineer, his role of defining the correct materials and controlling the manufacturing processes are a key function for the team and he hopes to convey the high level of details required to successfully engineer a modern Formula 1 engine in the quest for "More Power".

[Register FREE for the event here](#)

