

Staffordshire Area Institution of the Mechanical Engineers

Free Public Evening Lecture - Non-members welcome, young and old!

‘Friction, Stiction and Aero-Constriction - How *Formula 1* Cars Cheat the Laws of Physics’

by Mr Dave Cross, Institute of Physics



The speaker putting theory into practice
in a slightly less powerful car !

The speed and power deployed by *Formula 1* racing teams in their endless quest for performance surpasses what might have been regarded as the fundamental limits of physics not so long ago. Reflecting on a half century of progress, the speaker singles out three ‘nuggets’ of development activity - namely Friction, Stiction and Air Flow Constriction - that illustrate the extent to which those fundamental limits have been ‘cheated’.

Wednesday 9th April 2019

Lecture starts 7.00pm Refreshments from 6.30pm

**Auditorium Theatre, Newcastle-under-Lyme College,
Knutton Lane, Newcastle-under-Lyme, ST5 2GB**

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<http://nearyou.imeche.org/near-you/UK/Midland/Staffordshire-Area>