



# Institute of Mechanical Engineers Schools Lecture

Institution of  
**MECHANICAL  
ENGINEERS**

## Engineering a World Champion - In Formula One - 'When the Race Engineer gets it right ..... his driver wins races' Lecture by Jock Clear

Bishop Wordsworth's School is hosting the IMechE Arnold Barks Memorial Lecture. Jock Clear will talk about how the role of the Race Engineer has grown in importance since the adoption of on-board sensors, used to collect a wealth of performance data in Formula One cars.

Jock has worked as Race Engineer with many of Motorsport's Top Drivers, including Jacques Villeneuve, Rubens Barrichello, Michael Schumacher & Lewis Hamilton, who he helped to win the 2014 World Championship.

The Race Engineer's job is to use the telemetry data and driver feedback, to improve the performance by adjusting suspension, engine settings, aerodynamics, and other variables, and to help take the driver to the winning spot.



**Wednesday 2nd December period 7 and 8  
in The Sports Hall at BWS**