



Institution of
**MECHANICAL
ENGINEERS**

Automobile Division Yorkshire Centre

The Efficiency and CO2 Emissions of Electric Vehicles and their Fluid Requirements

Ian Taylor, Visiting Professor, UCLAN
Jost Institute for Tribotechnology

The talk will look at the in-use energy efficiency, CO2 emissions and fuel cost for different types of consumer transport including a look at total life-cycle CO2 emissions.

Electric cars appear to be a good solution for reducing CO2 emissions but that assumes that the electricity system itself is decarbonising. Trends in the UK electricity system over the last 20-30 years are shown that illustrates this is the case.

There will also be a brief discussion on how vehicle electrification will impact the lubrication and tribology of future vehicles.

Tuesday 19th October 2021

Online Event

6:00pm. (Zoom Meeting).

Please Register for Link at:

<http://nearyou.imeche.org/near-you/UK/Yorkshire>

Or contact:

Nicky Baxter, Yorkshire Region Admin Officer
0113 391 0537

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This event is free and contributes to CPD.
Non-members are welcome.

For Further Event Information -

<http://nearyou.imeche.org/near-you/UK/Yorkshire>

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