

## Contact & Venue Details

### Birmingham AD Centre

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Bham City Uni. Rep:	Dr. Adnan Fazal
Members:	Victor Manuel Benitez Olalla
Sponsorship Co-ordinator:	Juan Andres Vasquez Amaya
Programme Card Co-ordinator:	Kieran O'Sullivan
Co-opted Member:	Charles Bernoski
For further information:	nearyou.imeche.org/near-you/UK/Midland/ Birmingham-Automobile
Facebook:	www.facebook.com/imeche.ad.bham
LinkedIn:	www.linkedin.com/company/birmingham- ad-imeche
Twitter:	twitter.com/imeche_ad_bham
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For all Automobile Division talks and events please visit:  
[www.imeche.org/events](http://www.imeche.org/events)

**UNIVERSITY OF BIRMINGHAM**  
Mechanical Engineering Building,  
University of Birmingham, Edgbaston Park Road,  
Edgbaston, Birmingham, B15 2TS

Free parking on campus after 18:00. Engineering  
Building doors may be locked from 19:00

Refreshments available at 18:30 for lectures at 19:00

**Mechanical & Civil Engineering Building**  
is ref **Y3** on the following campus map:

[www.birmingham.ac.uk/Documents/university/  
edgbaston-campus-map.pdf](http://www.birmingham.ac.uk/Documents/university/edgbaston-campus-map.pdf)

Selected special events and visits will be held at  
other venues - Please see individual event details  
for venue. IMechE members can count event  
attendance as CPD.

All events are free to both members and  
non-members.

IMechE Birmingham gratefully  
acknowledges the support of:



**UNIVERSITY OF  
BIRMINGHAM**



## Automobile Division

### BIRMINGHAM CENTRE

### 2019-2020 PROGRAMME

## 17th October 2019

### 2019 AD Chair's Address - 100yrs of Bentley Motors

Venue: University of Birmingham

Speaker: Paul Jones, Automobile Division Chairman, IMechE

Time: 18:30 arrival for 19:00 start

This year's address will chart the history and products of Bentley Motors since its founding by Walter Owen Bentley in 1919 who strove "to build a fast car, a good car, the best in its class". It will go through the Le Mans' successes of the 1920's, right up to the present day under the ownership of Volkswagen AG as the world's leading luxury car brand. The talk will culminate in an overview of the stunning, all new third generation Continental GT.

## 21st November 2019

### How to Become Professionally Registered and Why

Venue: University of Birmingham

Speaker: Farah Baksh, IMechE Business Development Manager Midlands/Global Relationship Manager

Time: 18:30 arrival for 19:00 start

This is an opportunity to learn about the benefits of getting professionally registered with the IMechE as well as learning some essential tips on how to submit a successful application.

## 23rd January 2020

### The All New Architecture of Evoque & Discovery Sport

Venue: University of Birmingham

Speaker: Will Byrne, Underbody Platform Manager - Jaguar Land Rover

Time: 18:30 arrival for 19:00 start

The new Jaguar Land Rover Premium Transverse Architecture (PTA) underpins both the Discovery Sport 20MY and new Evoque. In this talk Will Byrne, Underbody Platform Manager on PTA, will talk about the architectural differences between the ICE, MHEV and PHEV variants, the challenges they posed and how they were overcome.

## 6th February 2020

### The New Land Rover Defender

Venue: University of Birmingham

Speaker: Stuart Frith, Vehicle Programme Director - Defender - Jaguar Land Rover

Time: 18:30 arrival for 19:00 start

The new Land Rover Defender is one of the most eagerly awaited new vehicles of recent years. In this talk Stuart Frith, the Defender Vehicle Programme Director, talks about the vehicle's development from concept to production.

## 27th February 2020

### The Future of Safe Self-driving Cars

Venue: University of Birmingham

Speaker: Siddhartha Khastgir, Head of Verification & Validation, Intelligent Vehicles, WMG - The University of Warwick

Time: 18:30 arrival for 19:00 start

Over 1.25 million people die on roads due to road accidents worldwide, per year. Over 90% of these accidents occur due to driver error. This talk will cut through the media-hype and provide a reality check on driverless car technology and our "ill-founded" expectations and imaginations. Backed by extensive research, this talk will provide insight into how we can engineer a safe driverless future, if ever!

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talks and events please visit:  
[www.imeche.org/events](http://www.imeche.org/events)**

## 12th March 2020

### Is It Really the End of Internal Combustion Engines and Petroleum in Transport?

Venue: University of Birmingham

Speaker: Prof Gautam Kalghatgi, Visiting Professor at Imperial College London and Oxford University

Time: 18:30 arrival for 19:00 start

Currently global transport is almost entirely powered by internal combustion engines (ICE) using petroleum-based liquid fuels. The alternatives to ICE and conventional fuels start from a low base and face serious environmental, economic and social constraints to rapid and unlimited growth. The talk will discuss the outlook for transport energy in this context.

## 23rd April 2020

### Restoring Historic Vehicles - JME Healeys - Factory Tour (50 spaces)

Venue: JME Healeys Warwick CV34 5AG

Speaker: Chris Everard, Manager and Company Owner

Time: 18:30 arrival for 19:00 start

JME Healeys is one of the world's leading restoration specialists of Austin Healey sports cars produced between 1953 and 1967. Chris Everard, General Manager will lead us on this factory tour through the stages of painstaking restoration from bodywork, to engine assembly, paint and trim. Pre-booking essential – see NearYou page for details.