

Seminar Overview - Day 1

Wednesday 24th February 2016

08:30 - 09:00	Registration Opens
09:00 - 09:10	Welcome Prof Matthias Wellers & Prof Greg Offer
09:10 - 09:35	Keynote 1 - Michael Hurwitz - Department for Transport - The road ahead: Now and next in policy for emissions, efficiency and mobility.
09:35 - 10:00	Keynote 2 – Prof Neville Jackson - Ricardo plc - Future Powertrain Demand Energy Sources and Potential Technologies
<i>10:00 - 10:30</i>	<i>Refreshments / Networking / Exhibition</i>
10:30 - 12:00	<i>HALL 1 - Session 1 - Engine Systems</i> <i>HALL 2 - Session 2 - Batteries</i>
<i>12:00 - 13:00</i>	<i>Lunch / Networking / Exhibition</i>
13:00 - 13:30	Keynote 3 - Andrew Budenberg - Relationship Director, Barclays Corporate - “An Outsiders View – How Banks view the Automotive Supply Chain in the current Economic Climate”
13:30 - 15:00	<i>HALL 1 - Session 3 - Real World Driving Emissions & Testing</i> <i>HALL 2 - Session 4 - New Mobility Business Models & Customer Behaviour</i>
<i>15:00 - 15:30</i>	<i>Refreshments / Networking / Exhibition</i>
15:30 - 17:00	<i>HALL 1 - Session 5 - Off Road & Heavy Duty</i> <i>HALL 2 - Session 6 - Fuel Cells (including Hydrogen)</i>
17:00 - 18:00	Advanced Propulsion Centre Workshop
18:00 - 18:30	Catagen Evening Network Event – Keynote Speaker – Ian Constance - APC - Future of the Automobile, a Global Perspective
18:30	Poster Competition Presentation

Seminar Overview - Day 2

Thursday 25th February 2016

08:30 - 09:00	Registration Opens
09:00 - 09:10	Welcome Prof Matthias Wellers & Prof Greg Offer
09:10 - 09:35	Keynote 4 – Graham Hoare - Ford Motor Company - The Automotive Council – Continuing the Acceleration
09:30 - 11:00	<i>HALL 1 - Session 7 - Electric Machines & Power Electronics</i> <i>HALL 2 - Session 8 - Combustion & Alternative Low Carbon Fuels</i>
11:00 - 11:30	<i>Refreshments / Networking / Exhibition</i>
11:30 - 13:00	<i>HALL 1 - Session 9 - Hybrids & Electrification</i> <i>HALL 2 - Session 10 - Global Perspective & Emerging Markets</i>
13:00 - 13:30	Keynote 5 - Prof Ricardo Martinez-Botas - Imperial College London - "Transport towards 2050: checks and balances"
13:30 - 14:30	<i>Lunch / Networking / Exhibition</i>
15:00	Conference Closes

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10:00 - 10:30 Refreshments / Networking / Exhibition



Day 1

10:30 - 12:00

HALL 1 - Session 1 - Engine Systems

Chairman: Steve Richardson - *Jaguar Land Rover*

Dr Mike Bassett - *MAHLE Powertrain*

Dr Raul Tharmakulasingam - *FEV UK Ltd*

Prof Chris Brace - *University of Bath*

Marcus Boumans - *Robert Bosch GmbH*

Discussion

10:30 - 12:00

HALL 2 - Session 2 - Batteries

Chairman: Dr Billy Wu - *Imperial College*

Dr Emma Kendrick - *Sharp Laboratories*

Prof Charles Monroe - *University of Oxford*

Dr Uwe Wiedemann - *AVL List GmbH*

Shane Beattie - *Warwick Manufacturing Group*

Discussion

12:00 - 13:00

Lunch / Networking / Exhibition

Day 1

13:00 - 13:30 Keynote 3 - Andrew Budenberg - Relationship Director, Barclays Corporate - "An Outsiders View – How Banks view the Automotive Supply Chain in the current Economic Climate"

13:30 - 15:00

HALL 1 - Session 3 - Real World Driving Emissions & Testing

Chairman: Alex Burns - Millbrook

Dr Richard Osborne - AVL UK

Les Hill - HORIBA Mira

Dr James Tate - University of Leeds

Dr Andrew Woods - Catagen

Kurtis Irwin - Queens University Belfast

Discussion

13:30 - 15:00

HALL 2 - Session 4 - New Mobility Business Models & Customer Behaviour

Chairman: Prof John Miles - University of Cambridge

Michael Talbot - Centre for Connected & Autonomous Vehicles

Andy Pascoe - Transport Systems Catapult

Neil Palmer - Ricardo UK

Jüergen Müller - Bosch Ltd

Discussion

15:00 - 15:30

Refreshments / Networking / Exhibition

Day 1

15:30 - 17:00

HALL 1 - Session 5 - Off Road & Heavy Duty

Chairman: Steve Faulkner - *Caterpillar*

Tomi Ristimaki - *Visedo*

Paul Bennicke - *Clean Air Power*

Paul McCarthy - *JCB*

Dr Petros Efthymiou - *Loughborough University*

Discussion

15:30 - 17:00

HALL 2 - Session 6 - Fuel Cells (including Hydrogen)

Chairman: Prof Nigel Brandon OBE - *Professor of Sustainable Development in Energy, Department of Earth Science & Engineering, Imperial College London*

Scott Blanchet - *Nuvera Fuel Cells*

Prof Gavin Walker - *University of Nottingham*

Dr Ralph Clague - *Intelligent Energy*

Dr Peter Gray - *Johnson Matthey*

Discussion

17:00 - 18:00 *Advanced Propulsion Centre Workshop*

18:00 *Catagen Evening Network Event*

18:15 *Poster Competition Presentation*

18:30 *Introduction to Keynote Speaker Ian Constance, APC*

Day 2

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- 09:00 - 09:10** Welcome Prof Matthias Wellers & Prof Greg Offer
- 09:10 - 09:30** Keynote 4 – Graham Hoare - Ford Motor Company -
The Automotive Council – Continuing the Acceleration

09:30 - 11:00

HALL 1 - Session 7 - Electric Machines & Power Electronics

Chairman: Prof Phil Mawby - *University of Warwick*

Dr Will Drury - *Ricardo UK*

Dr Alex Michaelides - *Jaguar Land Rover*

Dr Malte Jaensch - *Porsche Engineering*

Dr Paul Mitcheson - *Imperial College*

Discussion

09:30 - 11:00

*HALL 2 - Session 8 - Combustion & Alternative Low Carbon
Fuels*

Chairman: Prof Ricardo Martinez-Botas - *Imperial College*

Richard Pearson - *BP*

Prof Jamie Turner - *University of Bath*

Dr Robert Morgan - *University of Brighton*

Dave OudeNijeweme - *E4tech*

Discussion

Day 2

11:00 - 11:30

Refreshments / Networking / Exhibition

11:30 - 13:00

HALL 1 - Session 9 - Hybrids & Electrification

Chairman: Mike Richardson - *Jaguar Land Rover*

Ian Foley - *GKN*

Dr Suresh Perinpanayagam - *Cranfield University*

Marco Fracchia - *Vocis*

Omar Mustufvi - *Jaguar Land Rover*

Discussion

11:30 - 13:00

HALL 2 - Session 10 - Global Perspective & Emerging Markets

Chairman: Jon Caine - *Ford*

Stephen Alexander - *H2020*

Jon Horsley - *Digital Engineering & Test Centre*

Wajih Hossenally - *IHS*

David Hudson - *TATA*

Discussion

13:00 - 13:30 Keynote 5 - Prof Ricardo Martinez-Botas, Imperial College London - "Transport towards 2050: checks and balances"

13:30 - 14:30

Lunch / Networking / Exhibition

15:00

Conference Closes

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