

## INSTITUTION OF MECHANICAL ENGINEERS

### THAMESWEY REGION COMMITTEE

<b>Chairman</b>	John McCarthy Tel: 01235 822484 <a href="mailto:ThamesweyChair@imechenearyou.org">ThamesweyChair@imechenearyou.org</a>
<b>Vice-Chair</b>	Martin Nash <a href="mailto:farnguilchair@imechenearyou.org">farnguilchair@imechenearyou.org</a>
<b>Chiltern Area Chairman</b>	Cary Randall <a href="mailto:caryrandall@btinternet.com">caryrandall@btinternet.com</a>
<b>F&amp;G Area Chairman</b>	Martin Nash <a href="mailto:farnguilchair@imechenearyou.org">farnguilchair@imechenearyou.org</a>
<b>Oxford Area Chairman</b>	Brian Walker Tel: 01235 768707 <a href="mailto:Brian.walker5@btinternet.com">Brian.walker5@btinternet.com</a>
<b>Reading Area Chairman</b>	Jenny Mistry <a href="mailto:imeche@stroudy.me.uk">imeche@stroudy.me.uk</a>
<b>Young Members</b>	Adam Johnson <a href="mailto:thamesweysymchair@imechenearyou.org">thamesweysymchair@imechenearyou.org</a>
<b>Past Region Chairman, Education</b>	Alex Bond Tel: 07568 115208 <a href="mailto:ABond@mengineering.com">ABond@mengineering.com</a>
<b>Region Treasurer</b>	Colin Shimell <a href="mailto:Thamesweytreasurer@imechenearyou.org">Thamesweytreasurer@imechenearyou.org</a>
<b>Co-opted Member, IT</b>	John Turton Tel: 01488 649577 <a href="mailto:Rudder.pedal@googlemail.com">Rudder.pedal@googlemail.com</a>
<b>Co-opted Member, Media</b>	Christian Wood <a href="mailto:cdw202@gmail.com">cdw202@gmail.com</a>
<b>Region Admin Officer</b>	Matthew Ma Tel: 07795 436216 <a href="mailto:thamesweyadmin@imechenearyou.org">thamesweyadmin@imechenearyou.org</a>
<b>Business Dev Manager</b>	Alan King Tel: 07775 708161 <a href="mailto:a_king@imeche.org.uk">a_king@imeche.org.uk</a>

## PROFESSIONAL REGISTRATION

If you work with, or know, anyone with the potential to become a Chartered, Incorporated or Eng Tech Member of the Institution of Mechanical Engineers, encourage them to find out more about becoming member by contacting the Membership Help Desk on 0845 226 9191, e-mail [membership@imeche.org.uk](mailto:membership@imeche.org.uk) or they can contact Business Development Manager Alan King on 0777 570 8161

## NOTES ON EVENTS

Members and non-members are cordially welcomed to attend events in any areas.

Many of the events are arranged well in advance of the event date. Occasionally circumstances force some changes such as alternative lecturer, or very rarely, cancellation. **It is wise to check with the named contact or the Area Chairman that no changes have taken place.**

For up-to-date information on events in the Thameswey Region and programme card download, please visit the IMechE Near You webpage (<http://nearyou.imeche.org/near-you/UK/thameswey>)

Should you wish to be reminded of events by email please ensure that you have the correct address and email by contacting HQ membership or log on to your IMechE account (<https://www.imeche.org/my-account>)

Members of the Institution and their friends participating in visits or other functions are reminded that organization by Headquarters or Regions implies no acceptance of liability for damage or injury.

## CALL FOR COMMITTEE MEMBERS

We are looking for people to come forward to help out on Regional, Area, and Young Member committees. We are looking for anyone who is able to spare a few hours a year, whatever your level of membership.

If interested or for more information, please contact your local Area Chair or Region Admin Officer.

# THAMESWEY REGION

## PROGRAMME

### Autumn 2017 - Winter 2018



## Vision

### Improving the world through engineering

- Setting the agenda
- Developing professional engineers
- Inspiring the next generation

## Purpose

### To lead and promote professional engineering

## Values

### IMechE expects all its members and employees to commit to the Vision and the Values of

- Professionalism
- Integrity
- High ethical standards
- Respect for people and the environment
- Innovation

## Thamesway Region Programme Winter 2018 - Spring 2018

### January 2018

17<sup>th</sup> January 2018 (Lecture)  
Farnborough & Guildford Area (Joint with RAeS Weybridge)  
Brooklands Museum, Surrey, KT13 0QN  
18:15 for 18:45 start  
**BUYING BRITISH – THE POLITICS OF THE VC10 & TRIDENT PROGRAMMES**  
Speaker: Keith Hayward  
Contact: John Hammersley  
Email: [jw.hammersley@btinternet.com](mailto:jw.hammersley@btinternet.com)

30<sup>th</sup> January 2018 (Tuesday) (Lecture)  
Oxford Area  
Oxford Brookes University, Gypsy Lane, OX3 0BP  
18:30 for 19:00 start  
**THE AERODYNAMICS DEVELOPMENT OF THE NEW 2017 LAND ROVER DISCOVERY**  
Speaker: Adrian Gaylard, Jaguar Land Rover  
Contact: Dan Bell  
Email: [dbell@brookes.ac.uk](mailto:dbell@brookes.ac.uk)

26<sup>th</sup> January 2018 (Visit)  
Reading Area (Joint w/ Young Members)  
**MARTIN BAKER – DESIGN AND MANUFACTURE OF EJECTOR SEATS**  
Speaker: TBC  
Contact: Ben Nichol  
Email: [BNichol@martin-baker.co.uk](mailto:BNichol@martin-baker.co.uk)  
**\*BOOKING ESSENTIAL\***

### February 2018

20<sup>th</sup> February 2018 (Tuesday) (Lecture & AGM)  
Oxford Area  
Oxford Brookes University, Gypsy Lane, OX3 0BP  
18:30 for 19:00  
**BIOMEDICAL ENGINEERING – ANKLE ANALYSIS**  
Speaker: TBC, Institute for Biomedical Engineering  
Contact: Alex Bond  
Email: [ABond@mimiengineering.com](mailto:ABond@mimiengineering.com)

21<sup>st</sup> February 2018 (Wednesday) (Lecture & AGM)  
Farnborough & Guildford Area  
The Park Centre, Farnborough, GU14 6XN  
19:00 for 19:15 AGM, 19:30 for Lecture  
**HOW NEW TECHNOLOGY WILL CHANGE FUTURE NAVAL SUBMARINES**  
Speaker: Colin Utting, Chief Engineer Future Technology, BAES  
Contact: Martin Nash  
Email: [farnquilchair@imechenearyou.org](mailto:farnquilchair@imechenearyou.org)

21<sup>st</sup> February 2018 (Lecture)  
Reading Area  
Amec Foster Wheeler, Reading, RG2 9FW  
19:00 for 19:30pm Start  
**ADDITIVE MANUFACTURING**  
Speaker: Renishaw  
Contact: Jenny Mistry  
Email: [IMechE@stroudy.me.uk](mailto:IMechE@stroudy.me.uk)

### ANNUAL PRESTIGE EVENTS 2017

12<sup>th</sup> March 2018 (Monday)  
Palmer Lecture Theatre, University of Reading  
18:30 for 19:00pm start  
**THE GREAT DEBATE – ENGINEERING BETTER FOOD SYSTEM**

Synopsis: Modern agriculture uses a lot of energy and resources: fuel and fossil-derived fertilisers on the farm, fuel for transport, plastics for packaging and energy for refrigerated storage with waste arising at each stage. What can engineering do to improve sustainability of agriculture and food production as the world population increases?

The event will consist of four short talks by experts in the field followed by an opportunity for the audience to ask questions of a panel formed by the speakers and to offer their own views.

Contact: Jenny Mistry  
Email: [IMechE@stroudy.me.uk](mailto:IMechE@stroudy.me.uk)  
Register:  
<http://www.reading.ac.uk/15/about/newsandevents/Events/Event749256.aspx>

### March 2018

14<sup>th</sup> March 2018 (Wednesday) (Lecture)  
Farnborough & Guildford Area (Joint w/ RAeS Farnborough & IET Surrey)  
Surrey University  
19:00 for 19:30 start  
**WATCHKEEPER UAS TECHNOLOGY DEVELOPMENTS**  
Speaker: Nick Miller, Business Director ISTAR & UAV System, Thales UK  
Contact: Martin Nash  
Email: [farnquilchair@imechenearyou.org](mailto:farnquilchair@imechenearyou.org)

21<sup>st</sup> March 2018 (Wednesday) (Lecture)  
Oxford Area  
Oxford Brookes University, Gypsy Lane, OX3 0BP  
18:30 for 19:00  
**FRACKING - HOW DO YOU DO IT, AND WHAT ARE THE CONSEQUENCES?**

Synopsis: This talk describes the technical aspects of the fracking process, the risks associated with it and the implications for supplying energy to Oxfordshire from shale gas wells.

Speaker: Alun Griffiths  
Contact: Paul Dixon  
Email: [pauldixon\\_pme@yahoo.co.uk](mailto:pauldixon_pme@yahoo.co.uk)

TBC March 2018 (Lecture)  
Reading Area  
Amec Foster Wheeler, Reading, RG2 9FW  
19:00 for 19:30pm Start  
**AWE LECTURE**  
Speaker: TBC  
Contact: Jenny Mistry  
Email: [IMechE@stroudy.me.uk](mailto:IMechE@stroudy.me.uk)

### April 2018

25<sup>th</sup> April 2018 (Wednesday) (Lecture)  
Farnborough & Guildford Area  
Surrey University  
19:00 for 19:30 start  
**HIGH PERFORMANCE ENGINES FOR MCLAREN SUPERCARDS – PAST, PRESENT & FUTURE**  
Speaker: Richard Farquhar, Powertrain & Vehicles Engineering Director, McLaren Automotive Ltd

Contact: Martin Nash  
Email: [farnguilchair@imechenearyou.org](mailto:farnguilchair@imechenearyou.org)

19<sup>th</sup> April 2018 (Thursday) **(Lecture)**  
Chiltern Area  
Trenchard museum, RAF Halton  
**TOUR OF TRENCHARD MUSEUM**  
Contact: Robin Jarvis  
Email: [dianeandrobin@virginmedia.com](mailto:dianeandrobin@virginmedia.com)

## May 2018

18<sup>th</sup> May 2018 (Friday) **(Visit)**  
Farnborough & Guildford Area  
FAST, Farnborough, GU14 6TF  
**GUIDED TOUR OF WIND TUNNELS**  
Contact: TBC

TBC 2018 **(Visit)**  
Chiltern Area  
**DIAMOND LIGHT SOURCE VISIT**  
Contact: SEE NEAR YOU WEBSITE

TBC 2018 **(Visit)**  
Chiltern Area  
**BRITISH FORCES BROADCASTING VISIT**  
Contact: SEE NEAR YOU WEBSITE

## REGIONAL COMMITTEE MEETINGS

Regional committee meetings are held at Sindlesham Court, Sindlesham, RG41 5EA

Please contact Region Admin Officer (Matthew Ma, [thamesweyadmin@imechenearyou.org](mailto:thamesweyadmin@imechenearyou.org)) if you wish to attend

## RETIRED MEMBERS LUNCHES

### OXFORD AREA

The Bear, Wantage, 12.00 for 12.30pm start

Dates: TBC, contact organisers for details

Contact: Roy Bond (01235 767577)

### CHILTERN AREA

At Chartridge Park Golf Club Chartridge, Chesham, Monday 12:15 for 12:45pm start

Dates: TBC, contact organisers for details

Contact: Peter Willett ([pandbw@waitrose.com](mailto:pandbw@waitrose.com))

### READING AREA

At Sonning Golf Club, Duffield Road, Sonning, Tuesday 12:00 for 12:30pm start

Dates: TBC, contact organiser for details

Contact: Richard Pengelly  
([r.pengelly44@btinternet.com](mailto:r.pengelly44@btinternet.com))