



# Engineering Professors' Council: Congress 2015

## Skills for impact

**Programme: Tuesday 14<sup>th</sup> April, 2015**

09:45

Coffee and registration in the **Egg Suite**

10:15

**Opening and welcome:** Professor Sunil Vadera, Head of the School of Computing, Science and Engineering, University of Salford

### Session 1

**Chair: Professor Helen Atkinson CBE FREng Venue: Digital Performance Lab**

10:30

**Keynote lecture: Terry Scuoler, CEO Engineering Employers' Federation (EEF):** Engineering Skills in the UK

11:00

Questions and discussion

### Session 2

**Chair: Professor Helen Atkinson CBE FREng Venue: Digital Performance Lab**

11:20

**Professor John Perkins:** update on implementation of Perkins Review recommendations  
**Rebecca Bale, UCAS:** UCAS' vision for information and advice: supporting learner progression in engineering

12:20

**Dr Tim Bullough, University of Liverpool: Pathways to Success through Engineering Degrees and into Engineering Careers**  
Outcome of study by the Royal Academy of Engineering on the pipeline of students studying engineering

13:00

**LUNCH**

### Session 3

**Chair: Professor Tony Unsworth: Venue: Digital Performance Lab (Workshops in Rooms 3.07 and 3.08)**

14:00

**Choice of workshop session** (these will be repeated on Day 2)  
WORKSHOP A: REF2014 and the impact of impact (Professors Alison Hodge and Stephanie Haywood)  
WORKSHOP B: Does teaching advance your academic career? Results of a recent RAEng study on measuring and rewarding teaching achievement in engineering (Ruth Graham)

15:05

**Alexandra Symonds, Intellectual Property Office and Claire Howell, Aston University:**  
The importance of teaching intellectual property rights – and a new toolkit

15:50

**TEA**

16:00

**Engineering Professors' Council Annual General Meeting**

18:00

**Public Lecture : Professor Dame Ann Dowling, President of the Royal Academy of Engineering:**  
The reality and perception of Engineering

### Evening activities:

19:30 Pre dinner drinks and prize-giving

20:00 Dinner at Imperial War Museum North  
After Dinner speaker:  
Professor Trevor Cox, Professor of Acoustic Engineering, University of Salford



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**Programme: Wednesday 15<sup>th</sup> April, 2015**

08:45

Coffee and registration in the **Egg Suite**

### Session 4

**Chair: Professor Tony Unsworth: Venue: Digital Performance Lab (Workshops in Rooms 3.07 and 3.08)**

**09:15**

#### **Choice of workshop session**

WORKSHOP A: REF2014 and the impact of impact (Professors Alison Hodge, Stephanie Haywood and Sarah Spurgeon)

WORKSHOP B: Does teaching advance your academic career? Results of a recent RAEng study on measuring and rewarding teaching achievement in engineering (Ruth Graham)

### Session 5

**Chair: Professor Simon Hodgson: Venue: Digital Performance Lab**

10:20

**KEYNOTE LECTURE: Victor Chavez, CEO Thales UK**

10:50

Questions and discussion

**11:05**

**COFFEE**

### Session 6

**Chair: Professor Mike Bramhall: Venue: Digital Performance Lab**

**11:20**

**Winner of 2015 Student essay prize: Tim Butterfield, University of Sheffield**

**11:50**

**Engaging in Engineering: updates on EPC-funded projects**

**Laura Fogg-Rogers and Catherine Hobbs (UWE):** Children as Engineers: maximising engineering outreach for universities

**Susan Scurlock, Primary Engineer:** The value of engineering in primary schools

**Emma Carter, University of Sheffield:** Engenius films: sharing the genius of engineering

12:30

Questions and discussion

12:50

Feedback and close

**13:00**

**LUNCH**

**14:00**

**Optional tour of research facilities**