



PHEE
A forum for Academic Leaders in
Electrical Engineering and Allied Technologies



**Professors & Heads of
Mechanical & Manufacturing
Engineering**

PHEE ANNUAL CONFERENCE 2014

In conjunction with PHOMME

Wednesday 8th January 2014 at the IMechE, Birdcage Walk, London

Theme: Engineering Challenges and Opportunities

9:15 Registration and Coffee

9:50 Welcome and Introduction – Prof John Senior, Herts

Session 1 Industrial Challenges and Opportunities

Chair Prof Clive Neal-Sturgess, Birmingham

- **10:00 Keynote Address: Developments and Challenges in the Microelectronics Systems Industry (a personal view) – Warren East , Dyson Board Member, Ex CEO ARM Holdings**
- **10:30 A view from the Thales Group – Alvin Wilby, Vice President, Strategy and Technical, Thales UK**
- **11:00 Maintaining Engineering Leadership in a growing Company - Nick Cooper, The Spencer Group**
- **11:30 Discussion Panel**

11:50 PHEE AGM and Treasurer's Report/ PHOMME AGM and Treasurer's Report

12:00 HOT LUNCH

13:15 Academic Partnerships – Ian Stoneham, IET

Session 2 Skills and Training – Challenges and Opportunities

Chair: Prof John Robinson, York

- **13:30 Training of Engineers – Nick Winser, Executive Director U.K., National Grid**
- **13:50 A report on the Shortage of Engineers – Colin Brown, Director of Engineering IMechE**
- **14:10 Graduates and SMEs – Sarah Sillars, CEO of SEMTA**
- **14:30 Discussion**

14:45 TEA

Session 3 Research and Innovation: Challenges and Opportunities

Chair Prof John Senior, Herts

- **15:00 Industry Funded Research – Jim McDonald, Vice Chancellor , Strathclyde University**
- **15:20 Horizon 2020 Update – Christina Miller, U.K. Research Office**
- **15:40 Findings from the Foresight Future of Manufacturing Project - Paul McCaffrey, Government Office for Science**
- **16:00 Discussion**
- **16:30 Close**