



## ICE/IStructE/ACED Annual Meeting

**Mon 16<sup>th</sup> May 2016**  
**The Institution of Civil Engineers**  
**1 Great George Street, London**

- 9.00 Registration and coffee
- 09.45 Introduction  
*Dr Rachel Horn, University of Sheffield, ACED Chair*
- Welcome to the ICE and overview of ICE related activities  
*Adrian Coy, Vice-President ICE*
- 10.15 **Session 1: Creativity & Innovation - what does industry want of graduates?**  
**Chair, Adrian Coy (Vice-President ICE)**
- Creative Engineers  
*Adrian Bywaters, Laing O'Rourke*
- What creativity skills are designers looking for in graduate Civil Engineers?  
*Chris Lees, Lead Design Manager for HS2*
- An SME perspective on the skill sets required from fresh graduate Civil Engineers  
*Erol Erturan, Adept Consulting Engineers Ltd*
- Questions / discussion
- 11.15 Coffee
- 11.30 Update from the JBM  
*Prof Stephen Garrity, University of Leeds, Chair JBM*
- 11.45 **Session 2: Creativity in Engineering Education - the University view**  
**Chair, Prof Stephen Garrity, (Chair JBM)**
- Educating Creativity  
*Dr Paul McCombie, University of Bath*
- Embedding creativity in the engineering curriculum at University of Leeds  
*Justin Lunn, University of Leeds*
- Discussion around the theme of creativity in Engineering Education

13.00 **Lunch**

13.45 Overview of IStructE related activities  
*Alan Crossman (President IStructE)*

14.00 **Session 3a: Work-based learning & placements**  
**Chair, Alan Crossman (President IStructE)**

What makes a quality work placement?

*Prof Mike Sutcliffe, Kingston University & EPC working group on assessment of work-based learning*

Assessing learning outcomes in experiential learning – update from ICE

*Dr Brian Counter, ICE Academic Qualifications Panel Experiential Learning Group*

Credit-bearing work-based learning in Civil Engineering

*Dr Robert Eadie, University of Ulster*

Engaging with students through work placements

*Emily Timson, University of Leeds*

Questions / discussion

15.20 Tea Break

15.40 **Session 3b: Apprenticeships & partnerships with industry**  
**Chair, Rachel Horn, (Chair ACED)**

Developing a further learning programme in partnership with industry

*Andrew McNamara, City University*

Degree Apprenticeships in Civil Engineering

*Sheila Hoile, Technician Apprenticeship Consortium*

*Katherine Hammond, Atkins*

*Louisa Pointon, Arup*

Questions / discussion

16.30 Closing Remarks  
*Adrian Coy, Vice-President ICE*