



# Engineering Professors' Council: Congress 2016

## The Art of Engineering

**Programme: Sunday 4<sup>th</sup> September, 2016**

**15:00-18:30**

Registration available at accommodation in Thwaite Hall, Cottingham (near Cottingham rail station which is 6mins by train from Hull - see travel directions)

<http://www2.hull.ac.uk/administration/yourevent/aboutusourvenues/thwaitehall.aspx>

**\*\* Freedom Festival is taking Place in Hull \*\***

see website for details: <http://www.freedomfestival.co.uk/>

**17:00**

Informal meeting of early career staff at Thwaite Hall

**18:30**

Reception and Pre-Congress supper at Thwaite Hall



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Programme: Monday 5<sup>th</sup> September, 2016

08:45 Registration in the Nidd Building, Mezzanine floor  
09:15 Opening and welcome: Vice Chancellor, University of Hull SR1/2

### Session 1 Creativity, Design and Engineering Skills for the Future 1 – An Employer Perspective Chair: Prof Sarah Spurgeon

09:30 Tony Graham, Chairman UK NEST: *The Naval Enterprise Approach to National Skills and Technology*  
09:55 Jane Atkinson Director, Specialist Services, Cape plc: *The Future Industrial Challenge; The Design of Processes, People and Procedures*  
10:20 David Downs (Engineering Consultant (formerly Aircraft Carrier Alliance Engineering Director)  
and Charlotte Downs (Managing Director, Cinter): *Engineering – Inspiring the Next Generation - a personal perspective*  
10:45 COFFEE BREAK

### Session 2 Creativity, Design and Engineering Skills for the Future 2 – Views from Academia Chair: Prof Mike Bramhall

11:15 Hilary Carlisle, Dean of Design & Architecture, Norwich Univ of the Arts and DASSH UK (Deans of Arts, Social Sciences & Humanities):  
*Creativity and design thinking-in the practiced based arts curricula*  
11:40 Carl Gombrich, UCL: *Interdisciplinary Engineering Programmes at UCL*  
12:05 PANEL SESSION: All speakers – How can we ensure we have the required engineering skills for the future?  
12:45 LUNCH

### Session 3 WORKSHOPS: EPC PLANS FOR THE FUTURE

14:15-15:45 Workshop sessions: *A: Early career network;*  
*B: Engineering Ethics and Responsibility in Research & Teaching : An Inter-Disciplinary Approach;*  
*C: Degree Apprenticeships and the EPC Toolkit for Engineering Departments*  
16:00 \*\* PUBLIC LECTURE: *Bird in a Bi-Plane* Tracy Curtis-Taylor, Recreating Amy Johnson's flight to Australia \*\*  
17:15 \*\* Reception and Opening of Amy Johnson Biographical Exhibition \*\*  
18:15 \*\* Travel by Coach to the Deep for tour followed by Congress dinner \*\*



# Engineering Professors' Council: Congress 2016

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Programme: Tuesday 6<sup>th</sup> September, 2016

Session 4      Feedback from workshops, student prize & art exhibition      Chair: Prof David Harrison

- 09:00      Workshop sessions feedback:  
                  A: *Early career network and*  
                  B: *Engineering Ethics and Responsibility in Research & Teaching : An Inter-Disciplinary Approach;*  
                  C: *Degree Apprenticeships and the EPC Toolkit for Engineering Departments*
- 09:30      Presentation by Jon Runyon, Winner of 2016 Student prize awarded by: EPC and the Incorporation of Hammermen of Glasgow:  
                  *Back to the future...if I knew then what I know now. Six things I'd tell my primary school self about what it means to be an engineer..."*
- 10:00      Claire Barber, *Sculptor and lecturer at University of Huddersfield in conversation with Lara Goodband, Curator of the Engineered exhibition and David Sowden, School of Engineering, University of Hull*
- 10:30      BREAK

Session 5      Engineering Research, Innovation & Strategy      Chair: Prof Stephanie Haywood

- 11:00      Johnny Rich, Executive Director, EPC *From Brexit to TEF: New Challenges for Engineering & the EPC,*
- 11:30      KEYNOTE LECTURE: Professor Will Stewart, Vice President IET:  
                  *A Diverse Future for Engineering: and a strategy for responding to it*
- 12:30      Questions and discussion
- 12:45      Feedback and close
- 13:00      LUNCH
- 14:00      Optional tour of Engineering & Computer Science Labs:  
                  *HIVE (Hull Immersive Visualisation Environment)*  
                  *Medical Engineering and*  
                  *Speech Restoration following Laryngectomy*