

Engineering Ethics Conference Programme

Thursday 6th September 2018

University of Leeds

Join us in creating a 10 year vision for embedding ethical principles into engineering practices

- 0945 hrs **Registration with refreshments**
- 1030 hrs **Welcome**
Sir Alan Langlands, Vice Chancellor, University of Leeds
- 1045 hrs **Raising the bar Standards for Ethical Conduct in UK Engineering**
Professor Chris Atkin CEng FRAes, Chairman, Engineering Council
- 1130 hrs **Bringing the principles to life, making the standards stick**
Short presentations, chaired discussion and e-contributions
- Royal Academy of Engineering: *Richard Maudslay, CBE, FEng, Chairman, Ethics Working Group, Royal Academy of Engineering*
 - Ethicist: *Dr Rob Lawlor, Inter-Disciplinary Ethics Applied Centre, University of Leeds*
 - Industry Representative: *Dame Judith Hackitt DBE, FEng, FICHEME, FCGI, Chair, Engineering Employers Federation*
 - Professional Standards Representative: *Professor Chris Atkin CEng FRAes, Chairman, Engineering Council*
 - HE Representative (nominated by the Engineering Professors Council): *Professor Raffaella Ocone FEng, FRSE, Professor of Chemical Engineering, Heriot Watt University*
- 1230 hrs **Lunch**
- 1330 hrs **Understanding some of the ethical issues engineers are facing today**
Short presentations, chaired discussion and e-contributions
Chaired by Dr Kevin Macnish, Ethicist, Assistant Professor in Ethics and Technology, University of Twente, The Netherlands
- **Ethics, Big Data and Cyber Security**
Professor Kevin Jones FIMarEST, FBCS, FIET, Executive Dean, Faculty of Science and Engineering, University of Plymouth
 - **Ethics, Artificial Intelligence and Automated Vehicles**
(Speaker TBC)
 - **Ethics, Climate Change and the Environment**
Sara Parkin OBE, Founder-Director and Trustee, Forum for the Future
- 1500 hrs **Break with refreshments**
- 1530 hrs **Equipping engineers to tackle ethical issues: HE and CPD**
Short presentations, chaired discussion and e-contributions
Chaired by Professor Helen Atkinson CBE, FEng is the Pro-Vice-Chancellor - Aerospace, Transport, Manufacturing at Cranfield University
- **The Pros and Cons of an integrated case based approach**
Inter-Disciplinary Ethics Applied Centre, University of Leeds
 - **Engineering ethics in practice, a hands-on approach: The EWB Challenge**

Katie Cresswell-Maynard, Chief Executive, Engineers Without Borders (EWB)

- **Engineering Ethics CPD – online or face to face?**

Martin Davies Head of Digital Learning, IET Academy: Trusted elearning for Engineers, The Institution for Engineering and Technology (IET)

1700 hrs

The 10 Year Vision: Next Steps *including artist summary*

1730 hrs

Conference close *with networking and refreshments*