

ENGINEERING ETHICS CONFERENCE



Thursday 6 September 2018, University of Leeds

Bringing engineering ethics to life in education,
professional development and industry

Conference Programme

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

- 0945 Registration *with refreshments*
- 1030 Welcome
Sir Alan Langlands, Vice Chancellor, University of Leeds
- 1045 Standards for Ethical Conduct in UK Engineering
Professor Chris Atkin CEng FRAes, Chairman, Engineering Council
- 1130 Bringing the principles to life: making the standards stick
Short presentations, chaired discussion and e-contributions
Chaired by Professor John Uff CBE QC FREng, Keating Chambers and Emeritus Professor of Engineering Law at King's College London
- Royal Academy of Engineering Representative
Richard Maudslay CBE FREng, Chairman, Ethics Working Group, Royal Academy of Engineering
 - Ethics Representative
Dr Rob Lawlor, Inter-Disciplinary Ethics Applied Centre, University of Leeds
 - Industry Representative
Dame Judith Hackitt DBE FREng FICChemE 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 FREng FRSE, Professor of Chemical Engineering, Heriot Watt University
- 1230 Lunch
- 1330 Addressing current ethical issues
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 FBICS FIET, Executive Dean, Faculty of Science and Engineering, University of Plymouth
 - Ethics, Artificial Intelligence and Automated Vehicles
Renaud Champion, Director of Emerging Intelligences, EMLyon Business School; CEO of PRIMNEXT, investment company in artificial intelligence and advanced robotics and Director of euRobotics.
 - Ethics, Climate Change and the Environment
Sara Parkin OBE, Founder-Director and Trustee, Forum for the Future

- 1500 Break *with refreshments*
- 1530 Equipping engineers to tackle ethical issues: HE and CPD
Short presentations, chaired discussion and e-contributions
Chaired by Professor Helen Atkinson CBE FREng, the Pro-Vice-Chancellor - Aerospace, Transport, Manufacturing at Cranfield University
- The Pros and Cons of an integrated case based approach
Dr Carl Fox, 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 The 10 Year Vision: the next steps *including artist summary*
- 1730 Conference close *with networking and refreshments*



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