

Session D – Commercial sessions

Tuesday 3 September	Wednesday 4 September	Thursday 5 September
Chair: M Clapham	Chair: M Freeman	Chair: N Harrap
11h00 – Tea, Coffee and Exhibition	09h50 – Online asset monitoring and inspection in extreme environments	09h45 – Apprenticeships: the NDT success story
11h45 – Ultrasonic inspection in the material revolution – ultrasonic 2D matrix array camera <i>P Rogger</i> <i>J R Technology, UK</i>	<i>T Stevenson</i> <i>Ionix Advanced Technologies, UK</i>	<i>R Lyon</i> <i>Chair, Education and Professional Development Committee Project Manager, Trailblazer 3 Apprenticeship Scheme, BINDT, UK</i>
12h05 – DR system, yoke and phased array ultrasound instrument <i>J Leo</i> <i>Hataest Technology, China</i>	10h10 – Practical application of acoustic emission <i>B Morris</i> <i>MISTRAS Group Ltd, UK</i>	10h05 – Unique ultrasonic transducer innovations and development from GB Inspection Systems Ltd <i>J Skidmore</i> <i>GB Inspection Systems Ltd, UK</i>
12h25 – A guided wave solution for corrosion profile measurement <i>D Alleyne</i> <i>Guided Ultrasonics Ltd, UK</i>	10h30 – Tea, Coffee and Exhibition	10h25 – Materials testing apprenticeships – new industrial coatings applicator standard <i>S Cunningham</i> <i>Skills Training UK</i>
12h45 – Book Launch: Golden Egg or Poisoned Chalice?: The Story of Nuclear Power in the UK <i>A Wooldridge and S Druce</i> <i>Authors</i>	11h00 – The inspection and testing of engineered wraps – mainly offshore components but applicable in general <i>D J Johnson</i> <i>Health & Safety Executive Laboratories, UK</i>	10h45 – Tea, Coffee and Exhibition
13h05 – Lunch and Exhibition	11h20 – NDT 4.0 robotics and defect recognition for automated quality control <i>J Robbins</i> <i>Labquip NDT Ltd, UK</i>	11h45 – Introduction of the SmartUE1, an all-in-one inspection device that combines many UT and ET applications within one tool only <i>S Charlot</i> <i>Testia (an Airbus Company) UK</i>
Chair: M Freeman	11h40 – Introduction of NDE UT, virtual teaching tool <i>L Grand</i> <i>Extende SA, France</i>	12h05 – Innovation, application and solution: the complete NDT inspection support organisation <i>A Schofield and M Best</i> <i>Lavender International NDT, UK</i>
14h20 – Quantitative analysis of traditional and new customisable ultrasonic flaw detectors <i>A Akhlaghi¹, F Lachance² and P Rioux²</i> ¹ <i>Sonatest Limited, UK</i> ² <i>Sonatest AP, Canada</i>	12h30 – Lunch and Exhibition	12h25 – Developments in advanced ultrasonic testing training <i>D Precious</i> <i>IMechE Argyll Ruane, UK</i>
14h40 – Chemical composition of water-washable penetrants: options and respective features <i>T Howell</i> <i>Chemetall Ltd, UK</i>	Chair: M Freeman	12h45 – UK AM strategy <i>P Urwin</i> <i>Additive Manufacturing UK Strategy Steering Group</i>
15h00 – Pulsed eddy current technology benefits and applications <i>G Cheyne</i> <i>ETher NDE, UK</i>	14h30 – Introducing terahertz NDT solutions and applications <i>J Buckley</i> <i>Baugh & Weedon, UK and Level X NDT, UK</i>	13h05 – Live demonstration of Ondia artificial intelligence software for PAUT data analysis <i>N Harrap</i> <i>TWI Ltd, UK</i>
15h20 – Tea, Coffee and Exhibition	14h50 – Tagging, searching and storing NDT inspection data <i>D Mapletoft and P Brunnengraeber</i> <i>Carestream, UK</i>	13h25 – X-ray technology and NDT <i>J Leach</i> <i>Hamamatsu Photonics UK Ltd</i>
16h20 – High-resolution non-destructive imaging with accelerator-based neutron sources <i>K Rittenhouse, M Taylor and J McCumber</i> <i>Phoenix LLC, UK</i> <i>B Bloomquist will present this paper</i>	15h10 – Enhanced performance of magnetic flux leakage inspection of storage tanks <i>N R Pearson, A Pullen, R Lieb and M Boat</i> <i>Eddyfi Technologies, UK</i>	13h55 – Lunch and Exhibition
16h40 – Standardisation, influences, possibilities and risks of applying UV LED technology to fluorescent magnetic particle inspection (MPI) and fluorescent penetrant inspection (FPI) <i>M Breit</i> <i>SECU-CHEK GmbH, Germany</i>	15h30 – Tea, Coffee and Exhibition	14h30 – Exhibition Closes
	16h15 – Practical advantages of connected live devices <i>C Udell</i> <i>Proceq UK Ltd</i>	

Organised by the British Institute of Non-Destructive Testing
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