

BINDT Aerospace Event Programme

TWI, Granta Park, Great Abington, Cambridge CB21 6AL

Tuesday 25 April 2017		
09.00-09.30	<i>Registration, exhibition, tea and coffee</i>	
09.30-13.05	Session 1	
09.30-09.55	NDT requirements for aerospace welding	<i>M Nunn, TWI Ltd</i>
09.55-10.20	Inspection of aero engine welds	<i>T Barden, Rolls-Royce plc</i>
10.20-10.45	NDT of aerospace welds using full matrix capture	<i>Dr M Weston, TWI Ltd</i>
10.45-11.10	Exhibitor spotlight session	
11.10-11.50	<i>Exhibition, tea and coffee</i>	
11.50-12.15	Construction of kissing bond specimens	<i>M Gower, National Physical Laboratory</i>
12.15-12.40	High-sensitivity ultrasonic inspection of diffusion bonds	<i>I Collinson, Rolls-Royce plc</i>
12.40-13.05	Non-linear acoustic NDT for creep, cracks and delamination	<i>N Sewell, Theta Technologies</i>
13.05-14.05	<i>Lunch and exhibition</i>	
14.05-15.20	Session 2	
14.05-14.30	Model-assisted probability of detection	<i>C Schneider, TWI Ltd</i>
14.30-15.20	Panel session on future NDT requirements for joining technologies, introduction by M Mienczakowski, University of Bristol	
15.20-15.45	<i>Exhibition, tea and coffee</i>	
15.45-16.45	<i>Tour of the new TWI Ltd facilities and close of day one</i>	

Wednesday 26 April 2017		
09.00-09.30	<i>Registration, tea and coffee</i>	
09.30-12.05	Session 1	
09.30-09.55	Multi-sector review of NDT for composite bonded joints	<i>R Freemantle, Wavelength NDT</i>
09.55-10.20	Acoustic emission testing of composites	<i>L Summers, MODE Ltd</i>
10.20-10.45	Thermoplastic tape welding for composite pipes: a potential aerospace application?	<i>V Jha, GE Oil & Gas</i>
10.45-11.15	<i>Tea and coffee break</i>	
11.15-11.40	Quality assurance challenges for complex parts and composites joining in the automotive industry	<i>K Lindsey, FAR-UK Ltd</i>
11.40-12.05	Embedded sensing applications for composites and future uses	<i>A Croxford, University of Bristol</i>
12.05-13.05	<i>Lunch</i>	
13.05-15.00	Session 2	
13.05-13.15	Aerospace Group Annual General Meeting	
13.15-13.30	Composites Group Annual General Meeting	
13.30-13.45	<i>Tea and coffee break</i>	
13.45-14.10	Automotive composite bonding technologies and NDT requirements for aerostructures	<i>J Kapp, 3M Adhesives</i>
14.10-15.00	Introduction by R Freemantle and Panel session review: cross-sector collaboration potential for joining technologies and NDT	
15.00	<i>Close of day two</i>	



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