



Organised by the
British Institute of NDT West of England Branch

Aerospace Event

Bristol, 13-14 April **2016**

Provisional Programme: Day 1 – Wednesday 13 April

The BINDT West of England Branch is holding its biennial Aerospace Event from 13-14 April 2016 at the BAWA Centre, Filton, Bristol. Sponsored by Baugh & Weedon NDE and GB Inspection Systems Ltd, this is the only event in the UK dedicated solely to NDT in Aerospace!

Sponsored by:



All presentations on 13 April 2016 will take place in the Concorde Room (situated downstairs by the reception desk)

09.00-09.30	Registration, tea and coffee (upstairs in the exhibition area)	
09.30-09.40	Welcome address – Introduction to programme	West of England Branch
Session 1 – State of the industry: snapshot of where we are now Chair: T Barden, Rolls-Royce plc		
09.40-10.05	UK NANDT Board (NANDTB)	J Biddulph Rolls-Royce plc
10.05-10.25	NDT apprenticeships	R Lyon BINDT
10.25-10.45	ARTC NDT vision	K Lane ARTC
10.45-11.40	Exhibition, tea and coffee (upstairs in the exhibition area)	
11.40-12.05	Use of new materials in aero engines	T Barden Rolls-Royce plc
12.05-12.30	Model-assisted POD	D Hallam DSTL
12.30-13.45	Exhibition and lunch (upstairs in the exhibition area)	
Session 2 – Spotlights: focus on three topics Chair: R Lyon, BINDT		
13.45-14.05	Exhibition spotlight	
14.05-14.25	Composite NDT qualifications	M Clapham MTD Group
14.25-14.45	IntACom update	I Cooper TWI
14.45-15.05	MTC NDT project	N Brierley MTC
15.05-15.45	Exhibition, tea and coffee (upstairs in the exhibition area)	
Session 2 – continued Chair: J Willcox, Rolls-Royce plc		
15.45-16.05	Eddy current array in action	R Hughes Rolls-Royce plc
16.05-16.25	WAND results	C Zhong University of Bristol
16.25-17.00	Day 1 raffle and exhibition	

Contact: Karen Cambridge, Conference Services, BINDT, Newton Building, St George's Avenue, Northampton NN2 6JB, UK. Tel: +44 (0)1604 89 3811; Fax: +44 (0)1604 89 3861; Email: karen.cambridge@bindt.org; Web: www.bindt.org



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Provisional Programme: Day 2 – Thursday 14 April

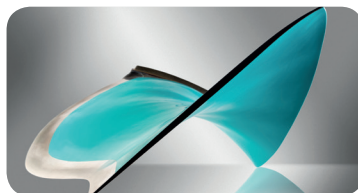
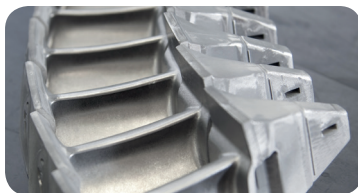
All presentations on 14 April 2016 will take place in the Concorde Room (situated downstairs by the reception desk)

09.00-09.30	Registration, tea and coffee (upstairs in the exhibition area)	
09.30-09.40	Welcome address – Introduction to programme	<i>West of England Branch</i>
Session 1 – Changes in the air: NDT of new materials and processes <i>Chair: A Dance, MTD</i>		
09.40-10.00	UV LED technology, its standardisation and new possibilities for the fluorescent inspection process	<i>M Breit SECU-CHEK GmbH</i>
10.00-10.20	Automated defect characterisation on composite materials using enhanced image processing technique for ultrasonic test	<i>J Sun Brunel Innovation Centre</i>
10.20-10.40	Magnetic camera	<i>M Missous University of Manchester</i>
10.40-11.10	Exhibition, tea and coffee (upstairs in the exhibition area)	
11.10-11.30	3D characterisation of tailored composites	<i>R Smith University of Bristol</i>
11.30-12.00	Latest advancements of using computed tomography for failure analysis and dimensional measuring in aerospace applications	<i>J Lubbehusen GE Oil & Gas</i>
12.00-13.30	Exhibition and lunch (upstairs in the exhibition area)	
12.45-13.00	BINDT Aerospace Committee and AGM (in the Concorde Room)	
13.00-13.30	Plenary	
Session 2 – Quantum leaps: research for the long-term future <i>Chair: T Barden, Rolls-Royce plc</i>		
13.30-14.00	Project CAN – Backscatter X-ray	<i>R Speller UCL</i>
14.00-14.30	Laser TFM or CHOTS	<i>V Ageeva University of Nottingham</i>
14.30-15.00	NDT and structural integrity	<i>P Wallace TWI</i>
15.00	Day 2 raffle and goodbye	
16.00	The West of England Branch Meeting and AGM Presentation: NDT as a benefit rather than a burden All welcome to attend	<i>R Smith University of Bristol</i>

Aerospace Exhibition

An Aerospace Exhibition will run alongside the 2016 Aerospace Event, showcasing the latest products, innovations and technology available to the industry today. Exhibitors include:

Advanced NDT Ltd
Aegleteq Ltd
Ashtead Technology
Baugh & Weedon
Chemetall Ltd
Diagnostic Sonar Ltd
Engineering Training Solutions
ETHer NDE
Euroteck Systems UK Ltd
FUJIFILM Europe GmbH
GE Digital Solutions
GB Inspection Systems Ltd
Hamamatsu Photonics UK Ltd
James Fisher NDT
JME Ltd
Johnson and Allen Ltd
JR Technology Ltd
Lavender International
M2M
MISTRAS Group Ltd
NDT Maincal Ltd
Nikon Metrology UK Ltd
North Star Imaging UK
Oceanscan Ltd
Olympus
Phoenix Inspection Systems Ltd
Promprylad LLC
SECU-CHEK GmbH
Sonatest Ltd
Sonaxis SA
South West School of NDT
Technology Design Ltd
Testia Ltd
Testrade Ltd
TWI Ltd
Ultrasonic Sciences Ltd



Images courtesy of Rolls-Royce plc

Contact: Karen Cambridge, Conference Services, BINDT, Newton Building, St George's Avenue, Northampton NN2 6JB, UK. Tel: +44 (0)1604 89 3811; Fax: +44 (0)1604 89 3861; Email: karen.cambridge@bindt.org; Web: www.bindt.org

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