

Additive Manufacturing for Aerospace

10 April 2018

BAWA Centre, Bristol, UK



Programme

Time	Activity	Speaker/Chair
08.30-09.00	Registration	
09.00-09.10	Welcome and summary of proceedings	<i>D Hallam, DSTL</i>
In-process inspection of additive manufactured components		
09.10-09.35	Spatially resolved acoustic spectroscopy (SRAS) and NDE for additively manufactured (AM) components	<i>Dr R Smith, University of Nottingham</i>
09.35-10.00	In-process LUT inspection of AM parts	<i>Dr H Rosli, MTC</i>
10.00-10.25	NDT of AM components	<i>Professor I Cooper, TWI</i>
10.25-10.55	Refreshment break	
Inspection of as-built additive manufactured components		
10.55-11.20	AM in the military air sector	<i>K Pickup, BAE Systems</i>
11.20-11.45	X-ray CT of AM components	<i>Dr M Mavrogordato, µVis Centre, Southampton University</i>
11.45-12.10	X-ray CT inspection of Ti6Al4V parts – A review of current progress at GKN AM, Bristol	<i>L Squillaci, GKN AM</i>
12.10-13.10	Lunch	
13.10-13.35	AM inspection/NDT: Is XCT the solution?	<i>Dr N Brierley, MTC</i>
13.35-14.00	NDE of additive layer manufacturing for aero-engines	<i>Dr T Barden, Rolls-Royce</i>
14.00-14.20	Refreshment break	
14.20-15.15	Panel session	<i>Dr R Smith, University of Nottingham, Dr N Brierley, MTC and L Squillaci, GKN AM</i>
15.15-15.30	Leave for visit to Aerospace Bristol museum	
15.30-17.00	Aerospace Bristol museum visit and tour	
17.00	Depart	

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