

ASNT 2024 Presentations – Room 124

Caesars Forum; 3911 Skoval Ln; Las Vegas, NV 89109

Tuesday, October 22nd: NDT Applications in Aerospace

08:15	08:45	Aerospace: market dynamics, challenges, opportunities, trends...	Carlos Vitale
11:00	12:00	Aviation and NDE, The future of Flight and impact on NDT methods, how can we harness the digitalisation of manufacturing, and MRO?	Ben Linke, Shana Telesz, Paul Perera, Larry Culberson (NDT Solutions)
13:30	14:00	Digital Transition Costs Savings – Temperature Controlled DDA Technology/ Cast Parts	Raul Gonzalez
14:00	14:30	Smart UT solutions for every lifecycle – how compACT can it get?	Benjamin Hoemske
14:30	15:00	Additive and Metrology: A New Era in CT X-ray Inspection	Steve Zahorodny
15:30	16:00	Latest innovations for Engine MRO Inspections with Borescopes	Sheldon Mccrackin
16:00	16:30	Digital – Visual Inspection Case Study	Kristen Hoppe

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Wednesday, October 23rd: Innovation... the future of NDT

08:15	08:45	Exploring Quantifiable Metrics and Interpretive Strategies in CT for NDT	Joseph Rinck
11:00	12:00	Addressing the challenges for adoption for NDE4.0, with focus on Skills, AI and training, as well as the emerging trends across sectors (Aerospace, Oil and Gas, Automotive)	Sheldon Mccrackin, Florian Knigge, Paul Perera, Johannes Vrana (Vrana Consulting), Nathan Hartley (TWI)
13:30	14:00	Weld Quality in Oil & Gas with Borescopes 3D Mapping	Ryan Rader
14:00	14:30	Vision for UT using AI for better repeatability and detectability	Gregor Wolf
14:30	15:00	Mind the Gap...Tackling workforce shortages in NDT	Ludovic Milosevic
15:30	16:00	Digital Transition Costs Savings – Flexible DDA Technology/Weld Inspections	Brian Anderson
16:00	16:30	The application of deep learning and computer vision techniques to Magnetic Flux Leakage Data to accurately detect and predict corrosion profiles	Jeff Sutherland
16:30	17:00	AI in Industrial CT: How can AI contribute to improving the CT workflow?	Florian Knigge