



ASME[®] 2020 QNDE

47th Annual Review of Progress in Quantitative
Nondestructive Evaluation

VIRTUAL CONFERENCE
August 25-26, 2020



Day 1 - Tuesday, August 25, 2020 - Eastern Daylight Time

WELCOME & OPENING PLENARY SESSION

9:30 AM - 9:50 AM	Live Welcome from Thomas COSTABILE P.E., Executive Director/CEO, ASME and Tribikram (Bikram) KUNDU, QNDE 2020 Conference Chair, University of Arizona		
9:50 AM - 10:20 AM	Plenary Speaker 1 - Peter CAWLEY, Imperial College, London "Structural Health Monitoring – Opportunities for NDE Research and Industry"		
10:20 AM - 10:35 AM	Q&A with Peter CAWLEY		
10:35 - 10:45 AM	Break		
10:45 AM - 12:15 PM	CONCURRECT TECHNICAL TRACK PRESENTATIONS with Live Q&A		
	SESSION 1 - NDE in Oil and Gas & Nuclear Power	SESSION 2 - UT Phased Arrays	SESSION 3 - Nonlinear Ultrasonics & Resonant NDE
12:15 PM - 12:30 PM	Break Time – Stretch your legs and check out our Exhibitor Hall		
12:30 PM - 1:35 PM	INDUSTRY NEEDS IN NDE - LUNCH & LEARN PANEL SESSION		
1:35 PM – 1:50 PM	Q&A with Industry Panelists		
1:55 PM – 2:25 PM	Exhibitor Demo Corner - Live!		
2:25 PM – 2:35 PM	Break		
2:35 PM – 3:10 PM	Plenary Speaker 2 - Dr. Eric LINDGREN, U.S. Air Force Research Laboratory "Challenges and Future Directions for NDE R&D: an USAF Perspective" Introduction by Henrique REIS, QNDE 2020 Conference Co-Chair, University of Illinois at Urbana-Champaign		
3:10 PM – 3:25 PM	Q&A with Dr. Eric LINDGREN		
3:25 PM – 3:35 PM	Break		
3:35 PM – 5:00 PM	CONCURRECT TECHNICAL TRACK PRESENTATIONS with Live Q&A		
	SESSION 4 - Ultrasonic Scattering & Materials Characterization	SESSION 5 - Guided Waves	

Day 2 - Wednesday, August 26, 2020 - Eastern Daylight Time

WELCOME & PLENARY SESSION

9:30 AM – 10:10 AM	Welcome & Plenary Speaker 3 - Li CHENG, Hong Kong Polytechnic University "Detection of Incipient Structural Damage and Material Degradation Using Nonlinear Ultrasonic Guided Waves" Introduction by Gary GEORGESON, QNDE 2020 Conference Co-Chair, The Boeing Company		
10:10 AM – 10:25 AM	Q&A with Li CHENG		
10:25 AM – 10:35 AM	<i>Break – Don't miss the opportunity to go the Networking Section and connect with colleagues!</i>		
10:35 AM – 12:00 PM	CONCURRECT TECHNICAL TRACK PRESENTATIONS with Live Q&A		
	SESSION 6 - Structural Health Monitoring and Prognosis & Metamaterials	SESSION 7 - Modeling for Composites, Thermography & Thermosonics	SESSION 8 - Additive Manufacturing
12:00 PM – 12:25 PM	SPECIAL LIVE Q&A SESSION with POSTER SUBMISSION AUTHORS MODERATOR: Tribikram (Bikram) KUNDU, QNDE 2020 Conference Chair, University of Arizona		
12:25 PM – 12:35 PM	<i>Break</i>		
12:35 PM – 1:55 PM	NEXT FRONTIERS IN RESEARCH & FUNDING LANDSCAPE - LUNCH & LEARN SESSION		
1:55 PM – 2:10 PM	Q&A with Research & Funding Panelists		
2:10 PM – 2:20 PM	<i>Break</i>		
2:20 PM – 3:25 PM	CONCURRECT TECHNICAL TRACK PRESENTATIONS with Live Q&A		
	SESSION 9 - Machine Learning & Statistical Methods in NDE	SESSION 10 - Eddy Current & Electromagnetic Methods	
3:25 PM – 3:30 PM	<i>Break</i>		
3:30 PM – 4:00 PM	QNDE Awards Presentation & Conference Conclusion Join us in congratulating the winners of the prestigious Founders Award and the 2019 Best Paper Awards and 2019 Outstanding Paper Awards		