



QNDE 2021

Annual Review of Progress in Quantitative
Nondestructive Evaluation

VIRTUAL CONFERENCE
July 28–30, 2021



CALL FOR ABSTRACTS TO OPEN FEBRUARY 1, 2021

CONFERENCE ORGANIZERS



Conference Chair
Tribikram Kundu (Bikram)
University of Arizona



Conference Co-Chair
Professor Henrique Reis
University of Illinois at Urbana-Champaign



Conference Co-Chair
Dr. Jeong-Beom (J-B) Ihn
Technical Fellow and Technology Lead for
Structural Health Management at Boeing
Research & Technology

PLENARY SPEAKERS



Prof. Kara Peters
Department of Mechanical and Aerospace
Engineering
North Carolina State University
Lecture Title: *Acoustic-Optical Interactions in
Optical Fiber Sensors for Ultrasonic Inspection of
Structures*



Prof. Dr. Walter Arnold
Department of Materials
Saarland University
Lecture Title: *Non-Destructive Materials
Characterization on a Small Scale Using Atomic
Force Microscopy*



ASME's Nondestructive Evaluation, Diagnosis, &
Prognosis Division (NDPD) invites you to present your
work during this summer's virtual event to be held on
July 28-30. **Deadline to submit is April 26th.**

TRACKS INCLUDE:

- Advanced Modelling for NDE
- Design and Application of Metamaterials for Quantitative NDE/SHM
- Digital Thread/Digital Twin/NDE Big Data
- Eddy Current NDE
- Electromagnetic NDE Techniques
- Guided Waves
- Machine Learning and Statistical Methods in NDE
- NDE for Additive Manufacturing
- NDE for Civil Infrastructure
- NDE Modeling and Prognostics for Composites
- NDE/SHM for Oil & Gas Industry
- NDE/SHM Systems and Signal Processing
- Nonlinear Ultrasonic Techniques
- Nuclear Power NDE
- Resonant NDE
- Structural Health Monitoring
- Thermal Techniques for NDE
- Ultrasonic Arrays
- Ultrasonic Scattering
- Vibration Based NDE/NDT
- POSTER ONLY

For technical publication submissions, authors should submit a **200-650 word text-only abstract** by **APRIL 26, 2021** on the QNDE website. Click on the SUBMIT ABSTRACT button. If you have submitted to ASME conferences in the past, simply login with your credentials. If you are new, then please create a user account. After you have logged into the submission site, simply follow the instructions to proceed. **Authors will have the opportunity to submit short papers (~8 pages) for review and publication in the official conference proceedings. Paper submission is encouraged, but it is not mandatory. Authors can present their work without publishing it in the proceedings.**

LEARN MORE & SUBMIT YOUR ABSTRACT at: <https://event.asme.org/QNDE>