

The British Institute of Non-Destructive Testing

 **NDT2024**
61st Annual Conference

Call for Papers

3-5 September 2024
The International Centre, Telford, UK

BINDT
THE BRITISH INSTITUTE OF
NON-DESTRUCTIVE TESTING



NDT 2024 Conference

NDT 2024 will consist of three parallel technical sessions covering a broad range of NDT technologies and applications. Papers from both academia and industry are encouraged.

NDT 2024 Abstract Submission

Abstracts (of no more than 200 words) must be submitted online at: <https://mc.manuscriptcentral.com/ndt2024> or via the link on the BINDT website at: www.bindt.org by **26 April 2024**.

Materials Testing Exhibition (MT 2024)

From 3-5 September over 60 companies are expected to exhibit at MT 2024, one of the leading international exhibitions for the NDT, condition monitoring, diagnostic engineering and quality testing industries, enhanced by a programme of talks and seminars covering practical aspects of NDT and related technologies.

For details of exhibitor packages, to make a reservation or to request further information, contact the BINDT Events and Awards Department (full contact details overleaf).

The Venue

The International Centre, Telford is a stand-out venue, centrally located in the heart of the Midlands. It is set amongst one of the most industrious yet stunning destinations, Shropshire, the birthplace of evolutionist Charles Darwin, the Industrial Revolution and home to the UNESCO World Heritage Site of Ironbridge Gorge.

Social Programme

- **Welcome Buffet**
on the evening of Monday 2 September
- **Evening Event**
on the evening of Tuesday 3 September
- **Conference Dinner**
on the evening of Wednesday 4 September

Conference Proceedings will be published in the form of extended abstracts (max 12 pages of A4 text) and one copy will be provided for each delegate. Full written papers that are submitted may be refereed with a view to publication in *Insight*. Awards are presented for the best paper in the Proceedings and the best paper by a person in the early stages (first five years) of their career. The winning paper will be selected based on both the quality of the paper and the presentation.

Offers of papers are invited on all aspects of non-destructive testing, including:

- Acoustic emission
- Adhesives and bonding
- Aerospace
- Artificial intelligence and machine learning
- Automated and robotic NDT
- Bonded joint inspection
- Composites
- Concrete structures
- Civil engineering
- Defence
- Digital radiography
- Digital signal processing and imaging
- Electromagnetics
- Guided wave ultrasonics (or long-range ultrasonics)
- Inspection qualification
- Laser methods
- Marine
- Maritime
- Medical and related NDT
- Monitoring
- Muon tomography
- NDE 4.0
- NDT in forensic science
- NDT of food
- Novel techniques
- Nuclear
- Offshore installations
- Optical inspection (or visual inspection)
- Penetrant inspection
- Phased arrays
- Power generation
- Radiography
- Rail and axle testing
- Renewable energy
- Research
- Simulation
- Strategy
- Structural health monitoring (SHM)
- Technique validation
- Technology transfer in NDT
- Terahertz technologies
- The needs of NDT end-users
- Theoretical modelling
- Thermography
- Time-of-flight diffraction
- Ultrasonics
- X-ray diffraction

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