

Press Release

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Analysing Art 2022: register today!

The **Third International Workshop ‘Analysing Art: New Technologies – New Applications’** will take place from **24-27 April 2022** at the **Michelangelo Hotel, Florence, Italy**. Registration is now open so book early to take advantage of the early registration discount, available until **6 November 2021**. For further information and to register visit: <https://www.bindt.org/events/Seminars-and-Workshops/analysing-art-2022-new-technologies-new-applications/>

This three-day workshop is being organised by the British Institute of Non-Destructive Testing (BINDT) in close partnership with True Image Solutions Ltd, UK, and the Institute for Diagnostic Imaging Research (IDIR), Canada, with the kind support of the Italian Society for Non-Destructive Testing Monitoring Diagnostics (AlPnD), the Opificio delle Pietre Dure (OPD) and a number of other partners. This prestigious event is dedicated to the application of new technologies in the analysis of cultural heritage.

The multi-disciplinary workshop will focus on non-destructive testing (NDT) for the preventive conservation of art as it relates to the sustainability of cultural heritage and will bring together scientists, engineers, curators, restoration experts, conservationists and art historians. This event will be a unique confluence of art and technology communities and is indicative of the high-tech trends that have been impacting cultural heritage.

Leading experts in this field are expected to attend from all over the world and have prepared a stimulating and informative scientific programme including substantial networking opportunities.

Full-time registration includes attendance at all workshop sessions, the welcome reception buffet, banquet and all guided tours.

To attend the workshop and gain the early registration discount, which is available until **6 November 2021**, visit: <https://www.bindt.org/shopbindt/events/analysing-art-2022.html-.YWk3H9nMLX0>

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Notes for editors

About BINDT

The British Institute of Non-Destructive Testing (BINDT) is a UK-based professional engineering institution working to promote the advancement of the science and practice of non-destructive testing (NDT), condition monitoring (CM), diagnostic engineering and all other materials and quality testing disciplines. Internationally recognised, it is concerned with the education, training and certification of its members and all those engaged in NDT and CM and through its publications and annual conferences and events it disseminates news of the latest advances in the science and practice of the subjects. For further information about the Institute and its activities, visit <http://www.bindt.org>

What are NDT and CM?

Non-destructive testing is the branch of engineering concerned with all methods of detecting and evaluating flaws in materials. Flaws can affect the serviceability of a material or structure, so NDT is important in guaranteeing safe operation as well as in quality control and assessing plant life. The flaws may be cracks or inclusions in welds and castings or variations in structural properties, which can lead to a loss of strength or failure in service. The essential feature of NDT is that the test process itself produces no deleterious effects on the material or structure under test. The subject of NDT has no clearly defined boundaries; it ranges from simple techniques such as the visual examination of surfaces, through the well-established methods of radiography, ultrasonic testing and magnetic particle crack detection, to new and very specialised methods such as the measurement of Barkhausen noise and positron annihilation spectroscopy.

Condition monitoring (CM) aims to ensure plant efficiency, productivity and reliability by monitoring and analysing the wear of operating machinery and components to provide an early warning of impending failure, thereby reducing costly plant shutdown. Condition monitoring originally used mainly vibration and tribology analysis techniques but now encompasses new fields such as thermal imaging, acoustic emission and other non-destructive techniques. The diagnostic and prognostic elements, in addition to increasingly sophisticated signal processing, is using trends from repeated measurements in time intervals of days and weeks.

Contact for press enquiries and image requests:

Sharon Creed
Marketing & PR Manager
The British Institute of Non-Destructive Testing
Midsummer House, Riverside Way, Bedford Road
Northampton NN1 5NX, UK
Tel: +44 (0)1604 438300
Fax: +44 (0)1604 438301
Email: sharon.creed@bindt.org