A symposium on

Non-Destructive Monitoring of Structural Integrity

Organised by

Dimitrios G. Aggelis and Giuseppe Lacidogna

Vrije Universiteit Brussel, Belgium and Politecnico Di Torino, Italy

Under the auspices of

21ˢᵗ International Conference on
EXPERIMENTAL MECHANICS

Bologna, Italy
6 – 11 July, 2025

(https://icem-21.org)

Abstracts are solicited from the community in the following and related areas:

- Advances in non-destructive evaluation (NDE) and structural health monitoring (SHM)
- Acoustic emission (AE)
- Modal analysis for structural integrity evaluation
- Ultrasonic testing (UT)
- Advances in optical methods
- Electromagnetic wave methods for NDE
- Damage and stiffness evaluation
- Evaluation of repair and self-healing
- Characterization of 3D-printed structures
- Measurement of residual stresses
- Monitoring of fracture of heterogeneous media
- Operation and condition monitoring
- Machine learning for NDT/SHM purpose
- Applications and case studies in NDT

Abstracts of **two full pages** should be written in the following format (please download the template that is available in the web-specific section).

A sample abstract is available for download at:

https://icem-21.org/wp-content/uploads/2024/01/ICEM21_Abstract_Template.docx

Paper Size:
A4, single column.
Margins:
Top Page 2.5 cm; Bottom 2.5 cm, Left & Right 2 cm.
Font and line spacing:
Times New Roman; single space.
First line:
It should be left blank, size 12, reserved for the editors.
Title:
Begins at the 2nd line, capital letters, size 12, bold, centered alignment.
Authors Names:
Size 12, bold, italic, centered alignment, two lines interval from the title above.
Authors affiliation:
Size 12, centered alignment, two lines interval from the text below.
Main Text:
Size 12, full justification, 0.5 cm indentation.
Headings:
Size 12, bold, 12 pt. top spacing, 6 pt. bottom spacing.
Legends (Figs & Tables):
Size 12
References:
Full citations should be grouped at the end of the paper and in alphabetical order of first author's name. Please, use size 10 and provide inclusive page numbers for references to journal articles and a page range for books. Each reference must be cited in the text.

which can also be used as a template.

Deadline for Extended Abstracts: 10th December 2024

The conference Proceedings with the extended abstracts and full papers will be submitted for indexation in the Web of Science and made available for free access on the Internet.

For additional information, please contact the Symposium Coordinators:

Professor Dario Croccolo
Industrial Engineering Dept., University of Bologna
Tel: +39 051 2093413
Email: dario.croccolo@unibo.it

Professor Giorgio Olmi
Industrial Engineering Dept., University of Bologna
Tel: +39 051 2093455
Email: giorgio.olmi@unibo.it