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# **INTERNATIONAL JOURNAL**

for science, techniques and innovation  
for non-destructive inspection  
and material evaluation for the industries



# **NDT DAYS**

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The scope of the journal is aimed to all methods and techniques of non-destructive and destructive testing, as well as evaluation of materials and structures in all areas of technical activities. It is an opportunity to publish research and development results, together with good practices and recommendations for standardization.

Submitted manuscripts should not have been published previously and should not be currently under consideration for publishing elsewhere. They should be prepared in accordance with the Instructions for Authors, published on the journal site.

The articles appearing in the Journal are indexed in NDT Net.

## THEMATIC FIELDS

### 1. Non-destructive inspection methods

- Non-destructive testing methods (ultrasonic, penetrant, magnetic, visual, infrared thermography, radiography, leak, etc.);
- Non-destructive and destructive inspection of the integrity, structure and physico-mechanical properties of materials;
- Application of non-destructive and destructive testing methods for inspection in energy, transport, engineering, construction, chemical industry, etc.;
- Structural health monitoring of equipment and structures with non-destructive testing methods (vibration diagnostics, acoustic emission, infrared thermography, etc.);
- Advanced non-destructive testing methods and techniques (phased array, TOFD, computer and digital radiography, tomography, automatic system for inspection, shearography, etc.);
- Training, certification, accreditation and standardization in scope of non-destructive inspection and conformity assessment of materials, equipment and structures.

### 2. Techniques for material processing and condition monitoring of equipment

- Design and construction;
- Life cycle condition monitoring;
- Material sciences;
- Manufacturing, exploitation, maintenance and repair;
- Innovation methods and techniques for modernization;
- Metal casting, welding, soldering bonding, machining, surface treatment;
- Mathematical modeling of technological processes;
- Load treatment and deformation;
- Training.

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