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for non-destructive inspection
and material evaluation for the industries

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Member of ICNDT and EFNDT
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, shearnography, 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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