



HUNGARIAN ASSOCIATION FOR NON-DESTRUCTIVE TESTING

co-sponsored by

**EUROPEAN FEDERATION FOR
NON-DESTRUCTIVE TESTING**

is organising

THE 2ND INTERNATIONAL CONFERENCE ON DIAGNOSTICS OF STRUCTURES AND COMPONENTS USING METAL MAGNETIC MEMORY METHOD

1st Circular

**April 24 - 25, 2018
Budapest, Hungary**

The Conference is supported by:



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RUSSIAN WELDING SOCIETY



Magyar Anyagvizsgálók Egyesülete



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CONFERENCE TOPICS

- Physical bases of the **Metal Magnetic Memory (MMM)** method. Experimental research of the physical-mechanical properties of metals using the **MMM** method
- New theories in the magnetization of metals
- Magneto-elastic effects and domain structures
- Development of the **MMM** method in Europe, Russia and other countries
- Non-contact diagnostics of buried pipelines based on the **MMM** method
- Stress-strained states properties of metals with special regard to welded joints
- Inspection of machine-building products quality by structural inhomogeneity and residual stresses
- Experience in the use of the **MMM** method at inspection and lifetime assessment of pipelines, structures and components
- Metal limiting state criteria at assessment of residual lifetime. Stress-strain state tests of structures and components
- Using the **MMM** method in the **Fitness for Services Procedures** and in the **Asset Management System**
- Personnel training on the **MMM** method and training in the field of stress-strain state testing and engineering diagnostics

The official language of the Conference is: English

INTENDED AUDIENCE

- **Managers for quality and integrity, maintenance and inspection, and NDT personnel of manufacturing and operation** in oil, gas, off-shore and chemical industry, thermal and nuclear power stations, steel constructions and bridges, structures of transportation as well as metallurgical industries
- **Research engineers and experts of Universities and Research Institutes**
- **Staff of NDT training institutions**
- **Responsible people of national authorities** and supervisor agencies
- **Engineers and technicians** of NDT equipment manufacturers and distributors



SCHEDULE FOR ABSTRACTS AND PAPERS SUBMISSIONS

Deadlines of abstracts: **15th of December, 2017**

Acceptance of presentation will be confirmed not later than **31th of January, 2018**

The full text of presentation for the Proceeding as well as the presentation for projecting should be handed over at the **beginning of the Conference or earlier**.

The abstract shall be in **English** and not more than two pages A4 size with 25 mm margin on all sides. The abstract and the paper should be sent by e-mail.

REGISTRATION

The registration form will be attached to the 2nd Circular.

The Registration fee includes the cost of the Conference Proceedings, lunches and banquet, organization expenses and must be paid till **1th of April 2018** by transfer to the account of MAROVISZ IBAN: **HU 72 10200830-32323070-00000000** (Bank: **K&H** Swift code OKH B HU HB).

Early registration fee till to 15th of December, 2017:

350 € + VAT / participant

Registration fee:

400 € + VAT / participant

For the member countries of the European Union is no VAT, for the others it is 27 %.

CONFERENCE VENUE

The conference will be organised in the

DANUBIUS HOTEL HELIA

(62-64, Kárpát Str., 1133 Budapest, Hungary)

located on the bank of the Danube.

Accommodation should be booked directly in the Hotel website by a specials link which will be sent for the participants.

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