



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

2nd Circular

April 24 - 25, 2018
Budapest, Hungary

The Conference is supported by:



ENERGODIAGNOSTIKA CO LTD.



RUSSIAN WELDING SOCIETY



Magyar Anyagvizsgálók Egyesülete



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Russia,

Co-Chairman of Conference Organizing Committee

Peter LADÁNYI

Hungary,

Co-Chairman of Conference Organizing Committee

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Hungary

Vladimir TROITSKIY

Ukraine

Weimin ZHANG

China

Secretary of Conference:

László GILLEMOT

Hungary

gillemot@marovisz.hu

Office phone: +36 1 278 0632

Private mobile: +36 20 984 5878

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.

PRELIMINARY PROGRAMM

24.04.2018 Tuesday	
9:30 – 9:50	Opening Ceremony
9:50 – 10:30	A. A. DUBOV, S. M. KOLOKOLNIKOV: Totals of a new direction in the technical diagnostics based on the metal magnetic memory method. Physical bases and practical possibilities of the metal magnetic memory method
10:30- 11:10	G. DOBMANN: Some critical remarks to terminology and experimental applications – applying the MMM-effect – a view on actual research
11:10 – 11:30	Coffee Break
11:30 – 12:10	P. TRAMPUS, P. LADÁNYI: Non-destructive Methods for early Warning of Structural Failures
12:10- 12:50	Under organisation (probably USA, Hungarian or Korean speaker)
12:50 -	Discussion of plenary presentations
13:15 – 14:30	Lunch
14:30 – 16:00	3 presentations (25min + 5 min. discussion)
16:00 – 16:30	Coffee Break
16:30 – 17:30	2 presentations (25min + 5 min. discussion)
19:00 – 21:00	Banquet
25.04.2018 Wednesday	
9:00 – 11:00	4 presentations (25min + 5 min. discussion)
11:00 – 11:30	Coffee Break
11:30 – 13:00	3 presentations (25min + 5 min. discussion)
13:00 – 14:30	Lunch
14:30 – 16:30	4 presentations (25min + 5 min. discussion)
16:30 – 16:45	Conference closing

REGISTRATION

The registration is available through the MAROVISZ web-site Please use the following link: www.marovisz.hu/2nd MMM Conference registration, or www.marovisz.hu and push the registration button.

Finishing the registration the system will inform you about it and in several days, you will get an e-mail about the registration together with Proform Invoice and a link for accommodation reserve.



The Registration fee includes the cost of the Conference Proceedings, lunches and banquet, coffee breaks, organization expenses. should be paid by transfer to the bank 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 link, which ensures a special room price.



The Conference Hall

Sponsors of the MMM Conference

