



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

4th Circular

April 24 - 25, 2018
Budapest, Hungary

The Conference is supported by:



ENERGODIAGNOSTIKA CO LTD.



RUSSIAN WELDING SOCIETY





Organising Committee

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Co-Chairman of Conference Organizing Committee

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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

The deadline of abstract is very soon.

New deadline of abstracts: **20th of January, 2018**

Acceptance of presentation will be confirmed not later than **15th of February, 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 PROGRAM

24.04.2018 Tuesday	
9:30 – 9:50	Opening Ceremony
9:50 – 10:50 Russian/English	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
10:50- 11:30	G. DOBMANN: Some critical remarks to terminology and experimental applications – applying the MMM-effect – a view on
11:30 – 11:50	Coffee Break
11:50 – 12:20	P. TRAMPUS, P. LADÁNYI: Non-destructive Methods for early Warning of Structural Failures
12:20- 12:50	I. MÉSZÁROS: An overview of magnetic material testing methods
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 – 12:30	2 presentations (25min + 5 min. discussion)
12:30 – 12:50	Conference closing
12:50 - -14:30	Lunch
14:30 – 16:30	ICNDT MMM Group meeting*

* Basic information about this new Specialist group can be read on website of ICNDT. (<http://www.icndt.org/ICNDT-Activities/Specialist-International-Groups>). Further information about the Group Meeting will be printed in the 4th Circular. Every person who is interested in the activities of Work Group is welcome

REGISTRATION

Only several days left to the early bird 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 successful of registration together with Proforma Invoice.

The Registration fee includes the cost of the Conference Proceedings, lunches and banquet, coffee breaks, organization expenses. It should be paid by bank transfer to the bank account of MAROVISZ: IBAN: **HU 72 10200830-32323070-00000000** (Bank: **K&H** Swift code OKH B HU HB).

“Early bird” registration fee till to **20th of January, 2018:** 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 using the following link, which ensures a special room price: [MMM Hotel booking](#)

ACCOMPANYING PERSON

For the accompanying person the banquet is 60 € including the VAT. Please at the registration; make a remark if your partner wishes to take part on the banquet.

Another ladies program can be organised at the Hotel Reception.



The Conference Hall



DANUBIUS HOTEL
HELIA
★★★★

COMING SOON!



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