



DEFEKTOSKOPIE 2021

51ST INTERNATIONAL CNDT ANNUAL CONFERENCE

51. MEZINÁRODNÍ VÝROČNÍ KONFERENCE ČNDT

October 06–08, 2021 / 06-08 říjen, 2021

Responsible person/
odpovědná osoba:
Libor Topolář



ORGANISING SECRETARIAT:

GUARANT International spol. s r.o.

European NDT&CM Days 2021

Na Pankráci 17, 140 21 Praha 4, Czech Republic

E-mail: endtcm21@guarant.cz

Tel: +420 284 001 444, Fax: +420 284 001 448



www.endtcm21.com

DEFEKTOSKOPIE 2021

51ST INTERNATIONAL CNDT ANNUAL CONFERENCE

51. MEZINÁRODNÍ VÝROČNÍ KONFERENCE ČNDT



This conference will be organized by the Czech Society for NDT as an international annual CNDT meeting during the ENDTCM Days 2021 in Prague.

The conference is focused on all topics of non-destructive testing and evaluation of materials and structures in all areas of technical activities. The conference language will be Czech, Slovak and English.

Main Conference Topics

- Ultrasonic methods
- Magnetic and inductive methods
- Radiography
- Acoustic emission
- Surface and optical methods
- Infrared thermography
- Tomography
- NDT in material and structure testing
- NDT corrosion damage monitoring
- Leak detection
- Functional and operational testing, reliability and safety assurance, NDE, SHM
- Application of NDE / NDT in the following areas: energy, transport, engineering, construction, chemical industry, etc.
- Non-standard applications
- Education, standardisation, certification and accreditation
- Application of NDT methods on condition monitoring of constructions.

Mezinárodní konference a výstava Defektoskopie 2021 bude zaměřena zejména na problematiku ne-destruktivního zkoušení materiálů (NDT) a monitorování stavu (CM) konstrukcí ve všech oborech technické činnosti. Konference bude příležitostí k setkání všech, kteří se zajímají o výzkum, vývoj, praktické aplikace i vzdělávání a normalizaci v těchto oborech.

Jednacími jazyky konference budou čeština, slovenština a angličtina.

Základní tematické okruhy konference

- Ultrazvukové metody
- Magnetické a induktivní metody
- Prozařovací metody
- Akustická emise
- Povrchové a optické metody
- Tomografie
- Využití NDT metod ve zkušebnictví
- Detekce korozních procesů metodami NDT
- Detekce netěsností
- Netradiční aplikace metod NDT a NDE
- Předprovozní a provozní zkoušky, testy spolehlivosti a bezpečnost konstrukcí
- Aplikace NDE/NDT v oblastech: energetika, doprava, strojírenství, stavebnictví, chemický průmysl, atd.
- Inovace průmyslových aplikací NDT
- Vzdělávání, standardizace, certifikace a akreditace v oboru NDT
- Aplikace NDT metod v oblasti monitorování stavu konstrukcí (Condition Monitoring)

BETTER NDT & CM – WARRANTY OF QUALITY, RELIABILITY AND SAFETY

Monday, 4 th 2021	Tuesday, 5 th 2021	Wednesday, 6 th 2021	Thursday, 7 th 2021	Friday, 8 th 2021
	NDT Progress			
		NDE & CM for Safety		
			Defectoscopy	
		NDT& CM Expo		



NDT & CM EXPO

Cubex Centre Prague | October 05–07, 2021

Responsible person:
Pavla Utěšilová



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The exhibition will be held in the central hall and foyer of the Cubex Centre Prague.

The exhibition offers a perfect chance to get brand awareness, increase the sales of the products, create positive publicity and heighten visibility, all of which in the context of your target audience. On top of that, you could feel like a part of the community with the possibility to attend programme sections and social events, which could lead to a great advantage for your business.

The Cubex Centre Prague offers an attractive and modern space for your exhibition installation with an appropriate background. The Exhibition will take place in the central hall and foyer where you can choose from various places to situate your company presentation.

By sponsoring, you can make the most of the exhibition's commercial potential and create a memorable image of a strong brand. We offer the opportunity to choose from variable sponsorship packages, which gives you the exclusive option to promote your brand during the exhibition. Moreover, special benefits such as the congress entrance and gala evening tickets etc. will be included. Packages are adjustable and we would gladly discuss customizing to your needs.

The NDT & CM Expo is a parallel event to another programme and every congress participant will automatically have free entrance to the exhibition. However, there will be a possibility to purchase exhibition tickets for each day even to a wide range of professionals. This will ensure interest for a broad range of professional visitors, such as students, academics, professionals, researchers, dealers etc.

We trust that the European NDT & CM Days 2021 in Prague will provide a good customer base and client reference for suppliers/manufacturers such as your organisation, to have direct contact with the customers and so promote your products.

The NDT & CM Days 2021 sponsors will have the possibility of priority selection of their presentation placement in the exhibition hall.

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„WE ARE WAITING FOR YOU!“ 😊



INTERNATIONAL CONFERENCE CM & NDE FOR SAFETY

Cubex Centre Prague | October 05–08, 2021

Responsible person:
Pavel Mazal



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INTERNATIONAL CONFERENCE CM & NDE FOR SAFETY

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The conference aim is to support the expanding role of Condition Monitoring (CM), Non-Destructive Evaluation and Testing (NDE/NDT) and Structural Health Monitoring (SHM) methods in manufacturing, transport, aircraft industry, energetics, mechanical and material engineering, electro-technics and microelectronics, and also eventually other safety branches as well as in research and development. Recent developments in the area of education, certification, accreditation and standardization will be also discussed. Specialists in all CM, NDE/NDT topical areas are welcome to showcase their applications and findings. Attendees from different industrial and research branches are invited to exchange information, experience, and knowledge, explore new ideas and benefit from the expertise of other practitioners, engineers, scientists, and students.

Main conference topics – NDE/NDT, CM and SHM in the area of:

1. Power industry and pressurized components (power plants, turbines...)
2. Transport (railways, aerospace, automotive)
3. Machinery – mechanical and material technology, metallurgy, fabrication...
4. Civil engineering and mining industry (building industries, bridges, tunnels...)
5. Chemical industry (petrochemical plants, storage tanks and product lines)
6. Transducers and sensors, NDE in electrical engineering
7. Conservation and restoration of monuments
8. Standardization, certification and education in NDT/NDE, CM, SHM
9. Special applications
10. NDT, CM and SHM methods for Industry 4.0

Official Language

The official language of the conference will be English.

The conference will be indexed in selected scientific databases.

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11TH WORKSHOP “NDT IN PROGRESS” INTERNATIONAL MEETING OF NDT EXPERTS

Cubex Centre Prague | October 05–07, 2021

Responsible person:
Zdeněk Převorovský



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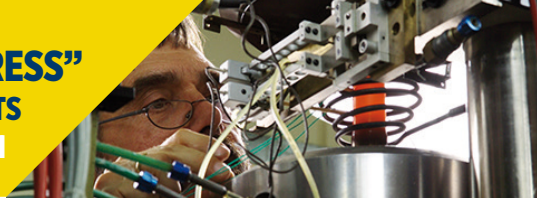


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11TH WORKSHOP “NDT IN PROGRESS”

INTERNATIONAL MEETING OF NDT EXPERTS

Cubex Centre Prague | October 05–07, 2021



The **International Workshop NDT in Progress** will be the 11th event in a series which began in 2001. The primary aim of these workshops is the meeting of NDT/NDE world experts with young colleagues and the discussion of the latest state-of-the-art research and development in selected areas. Although the workshop is intended for a limited number of presenting authors, the young researchers (students) are also invited to present their findings.

Main topics of the Workshop will cover (not only):

- Acoustic & ultrasonic methods; acoustic emission; guided waves; phased arrays.
- Radiographic methods; infrared & terahertz waves testing.
- Electromagnetic & magnetic methods; optical methods & defects imaging.
- Signal & Image processing; nonlinear methods; inverse problems; time reversal.
- Structural health and condition monitoring (SHM/CM).
- Numerical simulations and modelling in NDT/NDE.
- NDT for Industry 4.0 and additive manufacturing.

Official Language

The official language of the conference will be English.

The conference will be indexed in selected scientific databases.

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