



EF European Federation for  
Non-Destructive Testing  
NDT

# IX<sup>th</sup> NDT *in Progress*

Prague 2017

**International Workshop of NDT Experts and Students**

**October 9 – 11, 2017, Prague, Czech Republic**



**2<sup>nd</sup> Announcement and call for papers**

[www.cndt.cz](http://www.cndt.cz)

<http://ndt2017.it.cas.cz>

# IX<sup>th</sup> NDT in Progress

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The International Workshop NDT in Progress 2017 organized by the Czech Society for NDT (CNDT) and the Institute of Thermomechanics of the Czech Academy of Sciences under auspices of ACADEMIA NDT International and European Federation for NDT will be already 9<sup>th</sup> event in a series started in 2001 as a biennial workshops organized commonly by the German NDT society DGZfP and CNDT.

The primary aim of these popular workshops is a meeting of NDT world experts and students from both academic and industrial branches allowing them deep discussions on the latest state-of-the-art of the nondestructive testing and evaluation (NDT/NDE) research and developments in all scientific and application areas.

All interested persons are cordially invited to contribute to discussions by their oral and/or poster presentations. Next to the skilled experts, the workshop is also intended for young researchers and students who are invited to present their latest results and findings including not yet finished research. The Workshop will be exceptional opportunity for exchange of new experiences and methodologies in the NDT/NDE/SHM fields.

Besides the working days you will also have a nice occasion to enjoy Prague – one of the most magical cities in Europe.

### Language:

The official language of the Workshop is English.

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

- Acoustic & ultrasonic methods; acoustic emission; guided waves; phased arrays.
- Electromagnetic & magnetic methods.
- Radiographic methods; infrared & terahertz waves testing.
- Optical methods & defects imaging.
- Signal & Image processing in NDT/NDE; tomography.
- Nonlinear methods; inverse problems; time reversal.
- Structural health and condition monitoring (SHM/CM).
- Numerical simulations and modeling in NDT/NDE.
- Automated NDT systems & data handling.
- Student presentations and poster session.

### Basic Time Schedule:

Basic deadline for abstract submission (app. 500 words):	June 30, 2017
Limit date for reduced fee payment:	August 31, 2017
Deadline for full paper manuscript delivery:	September 15, 2017
Detailed information on program:	September 30, 2017
Workshop opening:	October 9, 2017 at 11 a.m.

### Call for papers:

Authors are invited to submit their abstracts and papers in electronic files for inclusion in the Workshop's Proceedings. Authors should follow the guidelines for abstract and paper submission available at the conference website together with the on-line registration form. Please see the website [www.ndt2017.it.cas.cz/](http://www.ndt2017.it.cas.cz/) - sections Abstract and Paper Submission, and Workshop Registration.

Due to the character of the workshop, the number of papers for oral presentation is limited. Papers for oral presentation will be selected by the Scientific Committee. Authors of poster presentation will have an opportunity for short oral communication. Remember please the deadline – June 30, 2017.

All authors will be notified on the acceptance of their abstracts and on presentation form until two weeks after their submission. Abstracts will be published in a Special Issue of NDT-Welding Bulletin. Full version of papers will be published in printed Proceedings and memory-stick included in conference materials. Proceedings will be available after the conference also on-line at the [www.ndt.net](http://www.ndt.net) – public-open journal ISSN 1435-4934. Printed proceedings will be proposed for indexing in the Scopus database and selected papers will be offered for publishing in scientific NDT journals. All info for authors and participants will be available on the web page: <http://ndt2017.it.cas.cz> or through [www.cndt.cz](http://www.cndt.cz).



### Opportunity for Sponsors and Firm Presentations:

Organizing Committee invites all companies to active participation through their corporate **sponsorships**. Firm representatives will have the possibility of their company presentation in all workshop materials - printed and flash-memory Proceedings advertisements and the Workshop website.

### Conference fee [€]

	Basic (reduced) fee paid <b>before August 31, 2017</b>	<b>After August 31, 2017</b>	<b>Paid at the Conference desk</b>
Regular participant	450	490	510
Student / retired	270	290	310
Accomp. Person	180	180	200

### Conference venue:

The workshop venue is the modern hotel Meritum located on the western part of the Prague city. It is a quiet district of Prague 6, Ruzyně between the city center and near the International Václav Havel Prague Airport. The venue is easily accessible for passengers traveling by plane or car. The hotel Meritum is invalid friendly. All hotel rooms have their own shower, WC, refrigerator, TV + Sat, and wi-fi.

The hotel includes the stylish Restaurant "U Rychtare", located in the monumentally protected object of "Kubr farm" from the 16<sup>th</sup> century, the oldest rural homestead in Prague. We recom-



mend staying there a few days before or after the workshop in Prague. The hotel reservation could be done for the dates October 7– 15, 2017. The sight-seeing programs for interested participants and accompanying persons will be organized in Prague. Regarding to the fact that Prague is a much frequented tourist center and the capacity of hotels is limited, all participants are asked to send their accommodation requests as soon as possible. All rooms will be allocated on a first come, first served basis.

**Prague**, the capital of the Czech Republic, is a city with over a thousand-year history, established and developed at the intersection of strategic routes connecting key centers on the European continent. Its leading position and favorable climate led to the successful development of trade, arts and crafts, scientific research and knowledge. The town is one of the most important historical cities of Europe. The past centuries have left their mark here primarily in art and architecture. Through the course of time Prague has gained a reputation as a major European center of culture, education and humanism. An area of more than 8 sq. km registered in the UNESCO World Cultural and Natural Heritage Register. Prague is also a modern European metropolis full of energy, music, and art. It's a city of contrasts: Serene green isles in the river and peaceful parks draping the city's seven hills are just steps

away from the architectural treasures and bustling street life of the city center. It's a place where different architectural styles stand cheek by jowl, creating an atmosphere that's both intimate and romantic, and quite impossible to forget once seen.

#### **Scientific Committee / Reviewers:**

Chairman: Prof. Pavel Mazal, CNDT president, Brno University of Technology, Brno (CZ)

Members: Prof. Koen Van den Abeele, KU Leuven (B), Prof. Antonio Gliozzi, Politecnico di Torino (I), Prof. Antolino Gallego, University of Granada (E), Prof. Janez Grum, FME University of Ljubljana (SLO), Prof. Karel Hajek, University of Defence, Brno (CZ), Dr. Sigrun Hirsekorn, Saarbrücken (D), Dr. Bernd Koehler, IKTS-MD FhG, Dresden (D), Dr. Rainer Link, Kerpen (D), Dr. Giuseppe Nardonì, president of ACADEMIA NDT International, Brescia (I), Prof. Serge Dos Santos, INSA Blois (F), Dr. Adriana Savin, Nat.Inst. RDTP, Iasi (RO), Dr. Frank Schubert, IKTS-MD FhG, Dresden (D), Prof. Igor Solodov, IKT University of Stuttgart (D), Prof. Peter Trampus, president EFNDT, Budapest (H).

#### **Local Organizing and Program Committee:**

Zdenek Prevorovsky (CNDT vice-president, chairman), Milan Chlada, Jan Kober, Josef Krofta, Dagmar Tittlova, Pavel Turek, Dana Turkova, Vendula Kratochvilova

#### **Corresponding address:**

Dr. Zdenek Prevorovsky, Institute of Thermomechanics CAS,  
Dolejskova 5, CZ 182 00 Prague 8, Czech Republic;  
E-mail: [ndt2017@it.cas.cz](mailto:ndt2017@it.cas.cz),  
phone: +420 266 053 144, +420 266 052 839