



DEUTSCHE  
GESELLSCHAFT FÜR  
ZERSTÖRUNGSFREIE  
PRÜFUNG e.V.

---

Ensuring the future through  
Non-Destructive Testing







## Testing without destroying

*Ensuring safety:*

*What is non-destructive testing?*

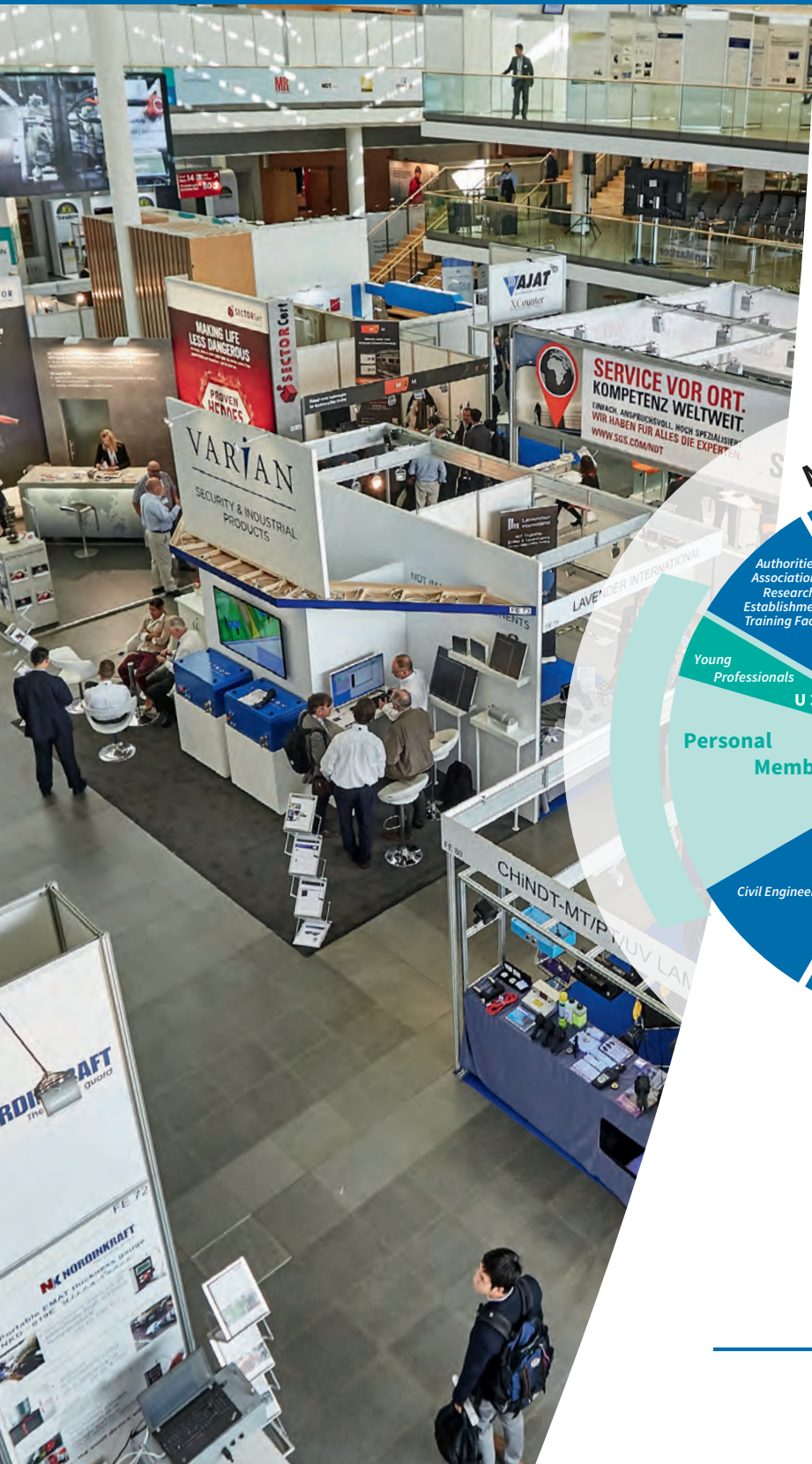
Non-destructive testing – NDT for short – examines components and systems for quality defects without affecting their properties and usability.

The classic non-destructive materials testing methods include X-ray and ultrasound examinations as well as computer tomography, which most people are familiar with from medical diagnostics.

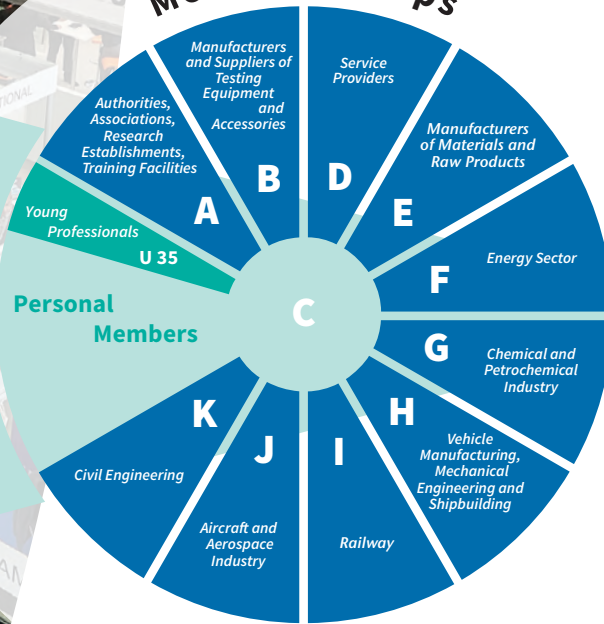
NDT is an indispensable instrument for quality control and assurance in almost all branches of industry. The early detection of any damage or anomalies in components and systems is intended to increase safety for people and the environment as well as to ensure usability. The take-off of an aircraft, the operation of high-speed trains, the production of safe automobiles, the construction of a bridge or the maintenance of complex technical factories would be inconceivable today without NDT.







## Member Groups





## We represent common interests

*The German Society for Non-Destructive Testing (DGZfP) is an association of around 1,600 members, which apart from private individuals include around 650 well-known corporations, medium-sized companies, research institutions, universities and public authorities.*

As a modern, technical-scientific association it is our core task to promote the development, application and dissemination of non-destructive testing methods. We are the link between research and development, NDT users, equipment manufacturers, service providers and the general public.

Through our broad positioning in a constantly changing industrial environment and our commitment to quality assurance, the DGZfP makes a valuable contribution to promoting Germany as a business location. It is to this end that we work closely with the European Federation for Non-Destructive Testing (EFNDT) and the International Committee for Non-Destructive Testing (ICNDT). Additionally, we further represent the interests of our members in other national and international bodies.



© Photo: Science in HD, Unsplash

### 1933

Foundation of a "Promotion Society" and an Imperial X-ray Centre as the first institution of its kind in the world

### 1937

Foundation of the "Gesellschaft zur Förderung Zerstörungsfreier Prüfverfahren e.V." (GFZfP) (Society for the Promotion of Non-Destructive Testing Methods)

### 1956

Foundation of a first working group in Mannheim





**1966**

Change of the name „Deutsche Gesellschaft für Zerstörungsfreie Prüfverfahren e.V.“  
*(German Society for Non-Destructive Testing Methods)*

**1971**

First annual conference  
in Remscheid

**1975**

Present-day naming: „Deutsche Gesellschaft für Zerstörungsfreie Prüfung e.V.“ – DGZfP  
*(German Society for Non-Destructive Testing)*

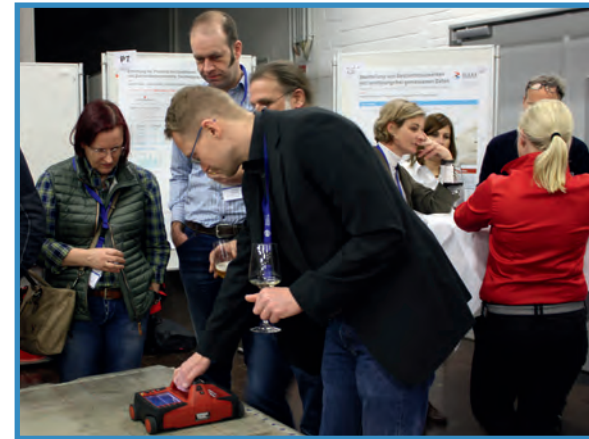


## We offer a strong network

*Through our working groups and expert committees, we are able to actively shape the NDT field and influence current challenges.*

The DGZfP is organised into nineteen working groups throughout Germany. NDT experts and interested parties meet regularly in the working groups for lecture and discussion evenings, technical excursions and for the exchange of professional experience on the latest findings from research, science and practice.

In addition to the working groups, the DGZfP has established twenty expert committees and associated subcommittees in which NDT experts work on a voluntary basis. Taking account of regular changes in technical regulations, we influence the drafting of guidelines and the development of standards in the expert committees. In addition, the expert committees create teaching materials for the education and training of NDT personnel, organise thematic events and develop solutions for special testing problems.



**1978**

First European Conference on NDT (ECNDT) in Mainz

**1986**

First edition of "ZfP-Zeitung" (member's journal)

**1987**

First Annual Meeting of the German, Austrian and Swiss NDT Societies, DGZfP, ÖGFZP and SGZP



The journal "ZfP-Zeitung" is published five times a year and contains practice-related technical articles as well as information from all areas of activity of the DGZfP and the NDT community.

Our online shop offers numerous specialist books, guidelines, specifications and proceeding of events for purchase or download.



## We communicate for you

*We look forward to an exchange with you.*

We promote dialogue with our members and the public and offer you valuable information about the world of non-destructive testing on a regular basis. Whatever concerns the DGZfP, be it industry or profession-related information, technical innovations or interesting personalities – print, online or digital:

Find out about it and network with us.



**1989**

Reunion with NDT professionals in the East German federal states, foundation of six new regional working groups

**1991**

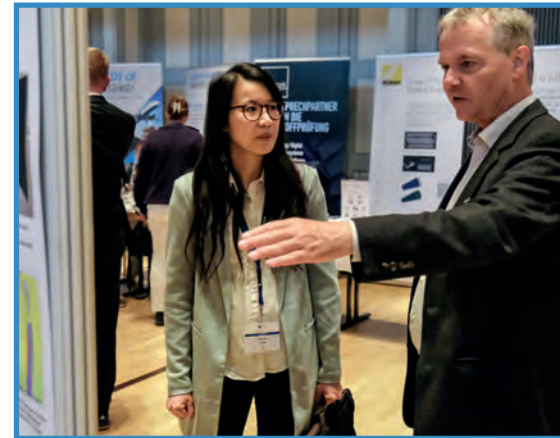
Moving into the new building of the DGZfP Training Centre in Dortmund



## ... and make your presence count

*We organise a wide variety of events and thus create publicity for the work, expertise and performance of the NDT sector.*

The DGZfP regularly hosts numerous meetings, conferences, seminars, colloquia and workshops. The DGZfP annual conference has made a name for itself as an important date for the entire NDT industry, presenting a comprehensive overview of current developments in non-destructive testing to more than 500 attendees. Every four years, this conference is organised as a joint conference with the NDT societies of Austria (ÖGfZP) and Switzerland (SGZP). With the organisation of international multi-day conferences with counting up to 3,500 participants, the DGZfP has also earned a great reputation throughout the world.



**1994**

First Accreditation of the DGZfP Personnel Certification Body (DPZ)

**1995**

Opening of the DGZfP Training Centres in Munich und Hamburg

**1997**

Opening of the DGZfP Training Centre in Magdeburg



## CERTIFICATION

The DGZfP Personnel Certification Body (DPZ) is responsible for all tasks related to the qualification, testing and certification of specialist personnel in accordance with national, European and international guidelines and standards. It is accredited by the German Accreditation Body (DAkkS) and authorised by the Central Authority of the Federal States for Safety Engineering (ZLS) as a certification body for personnel.



**2000**

Moving into the new building of the head-quarter and the DGZfP Training Centre in Berlin-Adlershof

**2003**

Moving into the new building of the DGZfP Training Centre in Wittenberge



# We are Europe's largest provider of NDT training

*For more than 70 years we have been imparting practical and theoretically sound knowledge in non-destructive testing.*

The training and certification of NDT personnel are among the main areas of work to which the DGZfP is committed with great passion. Our extensive range includes training and qualification examinations according to DIN EN ISO 9712 in ten non-destructive testing methods, with three qualification levels, officially recognised training in radiation protection in accordance with the technical guidelines, training in the aviation sector according to DIN EN 4179, as well as the training of test assistants according to DIN 54161. In addition, we award the title "NDT Master®".

## **We train personnel in the following methods:**

- Acoustic Emission Testing (AT)
- Eddy Current Testing (ET)
- Mobile Hardness Testing (HT)
- Leak Testing (LT)
- Magnetic Particle Testing (MT)
- Penetrant Testing (PT)
- Radiographic Testing (RT)
- Infrared Thermographic Testing (TT)
- Ultrasonic Testing (UT)
- Visual Testing (VT)

### **2006**

DGZfP hosts the 9<sup>th</sup> European Conference on Non-Destructive Testing (ECNDT) in Berlin with approx. 2,000 participants

### **2008**

75<sup>th</sup> anniversary of the DGZfP with events in Berlin, Hamburg, Stuttgart and Dortmund





## We support potential

### *Early practice – activities for young talents at the DGZfP*

Promoting young talents is especially close to our heart. Highly qualified young professionals and well-trained junior staff are needed in the NDT industry – whether as inspectors at the grassroots level or as budding researchers for the further development of testing technologies. We want to inspire young people in non-destructive testing through events, partnerships, sponsorships and support programmes.

#### **A selection of our activities for junior talents:**

- Practical NDT workshops at schools, universities and companies
- Supporter of the Excellence School Network MINT-EC
- Partner and prize sponsor in the "Jugend forscht" (Young Researchers) competition
- Teaching modules on non-destructive materials testing at technical vocational schools
- Engineering lectures at universities
- DGZfP student award
- DGZfP scholarship for students
- "U 35" member group for young professionals

#### **2016**

Organisation of the 19<sup>th</sup> World Conference on Non-Destructive Testing (WCNDT) in Munich with more than 3,500 participants

#### **2019**

Publication of the DGZfP Chronicle "Durchleuchten und Durchschallen – Geschichte der Deutschen Gesellschaft für Zerstörungsfreie Prüfung von 1933 bis 2018" (*History of the DGZfP from 1933 to 2018*)





## ... and invest in the future

*In the context of Industry 4.0, non-destructive testing is undergoing a transformation with new potential and application ranges.*

Digitalisation as well as digital transformation are changing the use of non-destructive testing. We accept the challenge: our specialist committee "NDT in the light of digitisation – NDT 4.0" accompanies the development of the classic testing methods to new applications of a technology based on intelligent sensor systems. The DGZfP has assumed a leading role in this field in the international professional world through lectures and international meetings focussing on new issues such as interfaces and artificial intelligence.

### **Our focal points in the area of NDT 4.0:**

- Artificial Intelligence, Augmented Reality, Big Data
- Interfaces, data and documentation
- Human-machine interaction
- Changes in the world of work due to NDT 4.0
- Training for NDT 4.0



© Photo: BMW Group



## We create advantages for you

*Join us if NDT is your passion.*

A Membership in the German Society for Non-Destructive Testing (Deutsche Gesellschaft für Zerstörungsfreie Prüfung e.V.) will empower you to advance.

Benefit from the expertise of our approximately 1,600 personal and corporate members and build a network for your professional and personal development. Our members are distinguished by their commitment and help shape the future of NDT through their voluntary activities.

### **Networking and knowledge transfer**

Become part of the DGZfP – build your professional and personal network worldwide.

### **Education and training**

Take advantage of the many opportunities for professional development and exchange of professional experience.

### **First-hand expert information**

Receive valuable information from the world of NDT on a regular basis: print, online and digital.

### **Support services**

Take advantage of our expertise, special conditions and junior activities for your career development.

Would you like to become a member of this great network?

We are happy to be there for you:

Phone: +49 30 67807-0 | E-mail: [mail@dgzfp.de](mailto:mail@dgzfp.de)

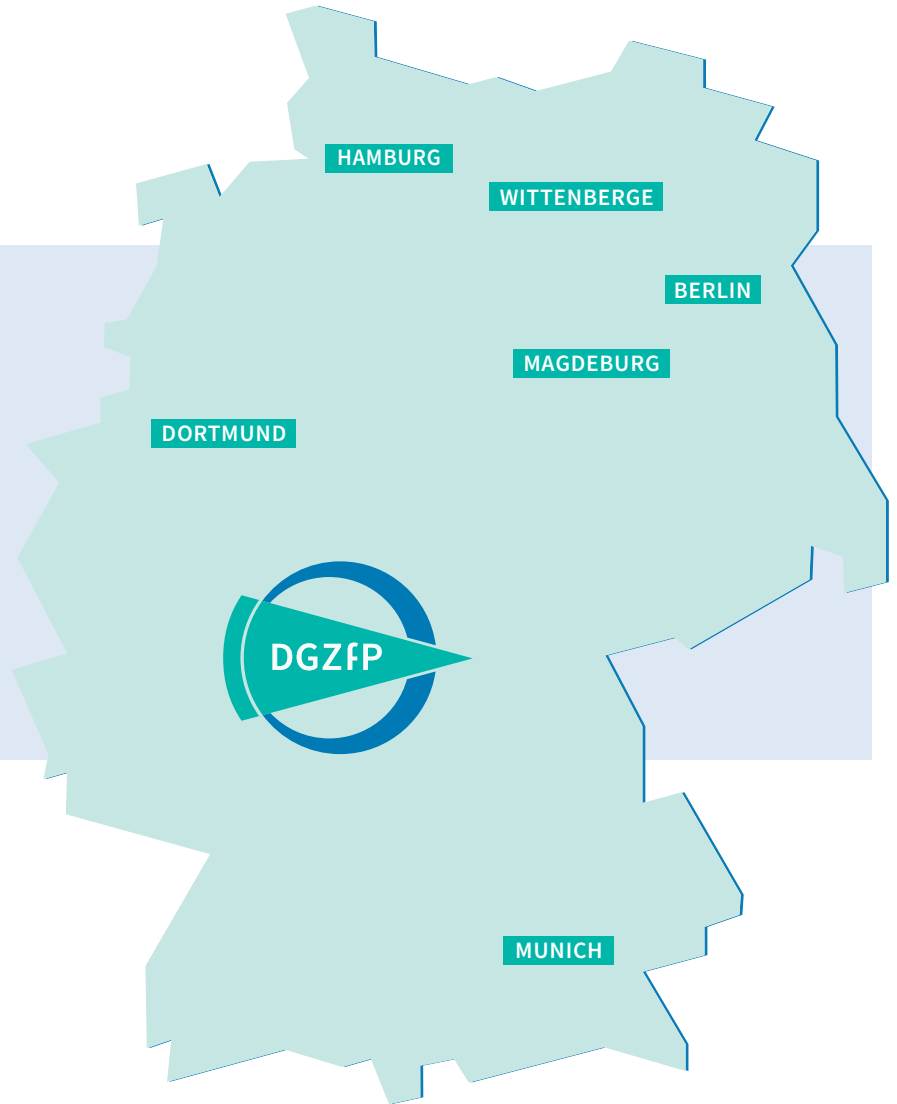


## OUR LOCATIONS

Our excellent location structure with six modernly equipped training centres throughout Germany offers skilled workers and managers the opportunity to complete a sound and practical training programme.

Our cross-site quality management guarantees high-quality training as well as first-class support.

Please find all contacts and addresses at:  
[www.dgzfp.de](http://www.dgzfp.de)



## Our training centres:



Berlin



Dortmund



Hamburg



Magdeburg



Munich



Wittenberge

## CONTACT

**Deutsche Gesellschaft für Zerstörungsfreie Prüfung e.V. (DGZfP)**

Max-Planck-Str. 6 | 12489 Berlin | Germany

Phone: +49 30 67807-0 | E-mail: [mail@dgzfp.de](mailto:mail@dgzfp.de)

### Imprint

All rights reserved. Reprint and Reproduction, even in part,  
only with explicit permission.

© Photos: DGZfP e.V., unless indicated otherwise

Status: September 2022

[www.dgzfp.de](http://www.dgzfp.de)

---