

GENERAL INFORMATION

Venue

Radisson Blu Hotel, Hamburg Airport
Flughafenstr. 1-3, 22335 Hamburg, Germany

Conference Secretariat

German Society for Non-Destructive Testing (DGZfP e.V.)
Steffi Schäske
Max-Planck-Str. 6, 12489 Berlin, Germany
Phone: +49 30 67807-120, Fax: +49 30 67807-129
E-mail: tagungen@dgzfp.de
Web page: <http://www.ndt-aerospace.com>

Hotels

We have special conditions in the following hotels
(reservation code „Aerospace“):

Radisson Blu Hotel, Hamburg Airport
Phone: +49 40 300 300-0
Fax: +49 40 300 300-10
<http://www.radissonblu.de/hotel-hamburgairport>

Park Inn Hamburg Nord
Phone: +49 40 180711-0
Fax: +49 40 180711-111
<http://www.hamburg.parkinn.de>

Motel One Hamburg-Airport
Phone: +49 40 5330193-0
Fax: +49 40 5330193-10
<http://www.motel-one.com>

Web Page

The <http://www.ndt-aerospace.com> web page has been prepared for the conference. All programme changes will result in an update of the page.

The page includes:

Organisational issues, Members of Scientific Committee, Members of Organising Committee, Hotel reservation issues, Abstract submission form, Conference registration form, Technical programme, Social programme, Information for exhibitors and sponsors, etc.

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Conference Language

All technical papers will be presented in English, simultaneous translation will not be provided.

Conference Material

At the conference, participants will get the proceedings as CD-ROM and a booklet with all abstracts of the programme contributions.

Abstract Submission ⇒ | Deadline April 30, 2010

- Authors may register more than one paper.
- English being the conference language, the contributions must be submitted in English. Translation into other languages will not be provided.
- One-page abstracts (max. 2500 characters) and the abstract submission form should be submitted by April 30, 2010.
- Authors whose paper was accepted must send their registration form to the conference office (DGZfP) and pay the conference fee before July 15, 2010. The registration is binding.
- Registrations will only be considered if they are submitted together with all relevant data and the abstract.
- At the conference, participants will get a booklet of all abstracts of the programme contributions.
- The manuscript (in English) must be received by DGZfP as an electronic file by October 15, 2010.

Guidelines for preparing and submitting manuscripts are published on the conference web page.

A selection of outstanding papers will be invited for publication in peer reviewed journals still to be decided.

Please use the electronic submission form on the web page: <http://www.ndt-aerospace.com>

Organising Committee

Randolf Hanke
Christian Boller

Peter Feddern
Rudolf Henrich
Matthias Purschke
Steffi Schäske

Fraunhofer EZRT (Chairman)
Fraunhofer IZFP & Saarland
University (Co-Chairman)
Lufthansa Technik
Airbus
DGZfP
DGZfP



DEUTSCHE
GESELLSCHAFT FÜR
ZERSTÖRUNGSFREIE
PRÜFUNG E.V.



Fraunhofer
EZRT
a cooperative department of
Fraunhofer IZFP, Saarbrücken and
Fraunhofer IIS, Erlangen

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

International Symposium on NDT in Aerospace



November 22-24, 2010, Hamburg,
Germany

Background

Non-Destructive Testing (NDT) is one of the most essential assets in aerospace structural design. No component manufactured is allowed to pass without having been confronted with any of the various NDT procedures being available. As such NDT is a guarantee for safety in aerospace and a subject of highest attention.

Although aerospace industries have to clearly stick to certified NDT procedures, there is a large amount of technology being currently developed within engineering science which is worth to be discussed on the verge of applicability. The widespread use of modern materials as well as new manufacturing processes in the aerospace industry has also given rise to many new questions regarding their reliability and methods in the light of non-destructive evaluation, both from a research as well as a manufacturing point of view. The continuous discussion on carbon fibre reinforced composites versus high performance metals substitution and vice versa is just an example among many other aspects being discussed.

This symposium intends to stimulate those discussions from a scientific as well as from an industrial applications point of view. It is based on the experience gathered along a first symposium of that nature successfully held in Fürth/Germany in December 2008. This symposium attracted around 150 participants from 15 countries world wide, and was combined with an exhibition of NDT technology providers. The symposium is sought to be held on an annual basis from 2010 onwards, alternating between Germany and another country throughout the world, with the country to change every time in the latter case.



Dr.
Randolf Hanke
Development Center
for X-ray Technology
EZRT



Prof. Dr.-Ing.
Christian Boller
Fraunhofer IZFP and
Saarland University



Dr.-Ing.
Matthias Purschke
German Society for
NondestructiveTesting

Scope

The symposium will try to expand on the experience gathered so far. During three days, latest results and methods will be presented and discussed regarding topics including the following:

- ⇨ Advanced Signal Processing and Integration
- ⇨ Aging Aircraft
- ⇨ Automated Inspection and Evaluation
- ⇨ Damage Tolerance
- ⇨ Emerging Technologies
- ⇨ Image Formation and Processing
- ⇨ Materials Characterisation
- ⇨ NDT for Systems
- ⇨ Overhaul and Maintenance
- ⇨ Structural Health Monitoring SHM

Presentations addressing the topics mentioned above and considering any NDT methods proposed such as thermal imaging, eddy current, ultrasonics, optics, X-ray testing and many others will be most welcome. Opportunities for exhibition of technology and posters will be provided, as well as technical visits to relevant aerospace companies.

Exhibition

A vendor exhibition will be conducted to complement the technical presentations. A limited number of exhibit booths (6 sqm) is available.

The rental fee for a standard booth (2 x 3 m) is 1,750 Euro plus Value Added Tax (VAT) of 19 percent. For each booth one conference badge with full conference participation will be provided.

Booth rental includes:

- ⇨ Standard wall divisions (white)
- ⇨ Standard signboards with max. 25 characters, 30 mm high, black)
- ⇨ Standard plug (16A / 230 V)
- ⇨ 2 spots
- ⇨ Cleaning (at night)
- ⇨ 1 table
- ⇨ 1 chair

All fees will be charged in Euro.

Registration fees

Registration by August 31, 2010	680.00 €
Registration after August 31, 2010	730.00 €
Presenting Authors	480.00 €
Students (without university degree)	200.00 €

includes the conference activities, morning and afternoon refreshments, lunch, proceedings on CD-ROM and the participation in the conference evening

Important Deadlines

Paper Submission Deadline	April 30, 2010
Payment of Presenting Authors	July 15, 2010
Final Programme	August, 2010
Early Registration Deadline	August 31, 2010
Final Paper Deadline	October 15, 2010

Announcement

In connection with the symposium the **Advanced Course on Structural Health Monitoring** will be held from November 25-26, 2010, in Radisson Blu Hotel, Hamburg Airport
Information please find at the web page:
www.dgzfp.de/seminar/shm2010