

Germany

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Fees

Registration Fee	650.00 €*
Presenting Authors (only one person per paper)	490.00 €*
Students	80.00 €*
Tutorial: NDE Reliability for Practitioners	250.00 €
Additional Ticket for Workshop Dinner	85.00 €

*including all workshop activities (except tutorial), workshop documents, workshop dinner, lunch and refreshments

Cancellation

by July 24, 2017: 50 % of participation fee
 from July 25, 2017: no refund possible

Local Organization**Workshop Secretariat**

Ms. Steffi Dehlau | German Society for Non-Destructive Testing (DGZfP) | Max-Planck-Str. 6 | 12489 Berlin | Germany
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Local Programme Organizer

Dr. Marija Bertovic | BAM Federal Institute for Materials Research and Testing | Unter den Eichen 87 | 12205 Berlin Germany | E-mail: marija.bertovic@bam.de

Workshop Venue

Kongresshotel Potsdam am Templiner See
 Am Luftschiffhafen 1 | 14471 Potsdam | Germany
 www.kongresshotel-potsdam.com

Hotel Reservation

We have special conditions in the conference hotel (until August 6, 2017):

Reservation code: EAW Reliability of NDE
 Single room, Sept. 3 – 4, 2017: 87.00 € per night
 Single room, Sept. 4 – 9, 2017: 95.00 € per night

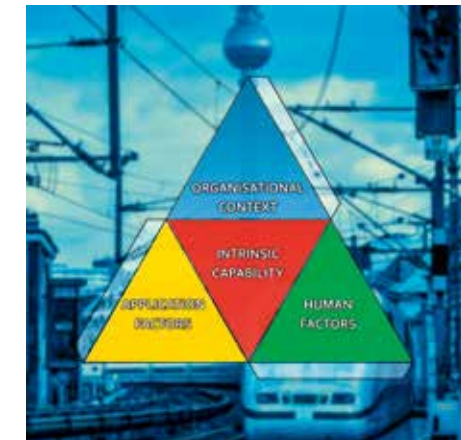
Your reservation please send

by e-mail: info@hukg.de
 by fax: +49 331 90770-777



FIRST ANNOUNCEMENT CALL FOR PAPERS

7th European-American Workshop on Reliability of NDE



September 4 – 8, 2017, Potsdam, Germany
 www.nde-reliability.de



We cordially invite all NDE practitioners, scientists and early-career colleagues – active or interested in the field of NDE reliability – to attend the 7th European-American Workshop on Reliability of NDE (7th EAW). Although called “European-American”, the Workshop has drawn substantial international attention over the years and the interest spans over several continents – a tradition we wish to keep and pursue.

The aim of this Workshop is to acquire a deeper understanding of factors influencing NDE reliability and of their interplay in NDE practice. Furthermore, we wish to open a dialogue about reliability between scientists and practitioners in order to advance the field as a whole. The topic in focus is the discussion of interconnections and dependencies between different influencing factors. Thereby, we aim to:

- Understand how the influencing factors are interconnected and how this knowledge can be used to increase the NDE reliability in practice
- Discuss the role of POD in relation to fracture mechanics for the entire component safety and integrity assessment and associated risks
- Develop approaches for
 - the reliability assessment of structural health monitoring
 - the capability of NDT to size defects
- Address new challenges associated with composites and strongly scattering media
- Develop POD modelling approaches, with the special focus on how human factors can be taken into account
- Explore new application domains, such as the railway
- Deepen the understanding of the human and organizational factors affecting NDE reliability
- Develop strategies for
 - transferring human factors knowledge into practice
 - promoting the positive side of human factors
- Identify the responsible parties and activate them to take reliability and human factors as their priority



Dr. rer. nat.
Christina Müller
BAM Federal Institute for
Materials Research and Testing



Dr.-Ing.
Matthias Purschke
German Society for
Non-Destructive Testing

The Workshop will be organized as follows:

NDE reliability tutorial for practitioners

September 4 – 5, 2017 (duration 1.5 days)

This tutorial offers a wide range of reliability topics and is intended not only for colleagues, who are not yet familiar with reliability as a topic, but also for regulators, service providers, end-users, and scientists, who encounter reliability-related problems in their daily practice and wish to obtain skills that will serve as a starting point in overcoming those problems.

The tutorial will be divided into three parts:

- a) Human and organizational influences on NDE reliability
- b) Basic principles of the probability of detection (POD) and the problem of real defects
- c) Advanced principles of POD: Multi-parameter POD for industrial systems

Workshop Program

September 5 – 8, 2017

Oral and poster presentations

(duration 2.5 days)

The program aims to provide a wealth of sessions with rich technical content. As in the previous years, the presentations will be dedicated to industrial demands, scientific progress in the evaluation of the reliability of NDE, and to human and organizational factors.

“Open space technology” discussion on reliability of NDE

(duration 0.5 days)

This not-to-be-missed discussion is an absolute highlight of the workshop. It provides a platform for all involved to discuss relevant topics and unresolved issues together with their colleagues and experts from various fields and will help determine the direction future reliability efforts should take. Instead of having a structured panel discussion with pre-defined topics, this discussion – held in the format of “open space technology, OST” – allows for relevant topics to be raised in the room and discussed by those interested in them for as long as the topics interest them. The results of the individual topical discussions are presented to all the participants and summarized in a paper publication.

Submission Guidelines

Experts and scientists are invited to submit abstracts in accordance with the following guidelines:

- Authors may register more than one paper.
- English being the workshop language, the contributions must be submitted in English. Translation into other languages will not be provided.
- All **abstracts** must be submitted online at: www.nde-reliability.de by **February 28, 2017**.
- Authors will be informed about the acceptance of their contributions in **April 2017**.
- Authors whose paper was accepted must **register and pay** the registration fee before **May 15, 2017**. The registration is binding.
- Registrations of papers will only be considered if they are submitted together with all relevant data and the abstract.
- The **full paper** (in English) must be received by DGZfP as an electronic file by **September 15, 2017**.
- The proceedings will be published after the workshop.

Sponsors

The Organizing Committee invites partners from industries to participate actively in this international event through sponsorship. Basically, every sponsor will be acknowledged by publishing the name and logo

- in all publications printed with respect to this workshop
- on the workshop web site
- on sponsor poster in the registration area.

For further information please see www.nde-reliability.de.