

KINT SYMPOSIUM 2019

KINT

**Dutch Quality Surveillance and
Non-Destructive Testing Society**

JOIN THE KINT SYMPOSIUM 2019

**Phased Array Ultrasonic Testing (PAUT)
of welds in thin-walled materials**

October 30 and 31, 2019

More information: info@kint.nl

**Venue Shell Amsterdam, The Netherlands
Symposium language: English**

Supported by:



The Dutch Quality Surveillance and Non-Destructive Testing Society is pleased to announce the KINT Symposium 2019:



Phased Array Ultrasonic Testing of welds in thin-walled materials

The project

With the introduction of small portable Phased Array Ultrasonic Testing (PAUT) systems, the replacement of radiography by ultrasonic inspection techniques for testing of welds in thin-walled steel components has become a promising proposition. PAUT differentiates from Radiographic Testing (RT) as it does not involve ionising radiation and therefore improves safe working conditions. 'Plot clearance' is usually required to mitigate radiation risks connected with RT, preventing other activities to take place. Especially in larger construction projects (heat exchangers, boilers, piping et cetera), the potential of PAUT for improving project efficiency is considerable.

Over the past few years, several equipment suppliers have developed crawler based systems that enable the application of PAUT testing of welds in thin-wall (3.2 –8 mm) ferritic steel material. During a preceding KINT project, a PAUT technique description was developed, which resulted in a base document for ISO Standard (ISO/DIS 20601:2017).

Following on from the technique description, the current PAUT project, aims to produce scientific and practical foundation as well as a draft ISO Acceptance Criteria Standard for this application. The project was carried out by SKOP, the research and development foundation of the Dutch society for Quality Surveillance, Inspection and Non-Destructive Testing (KINT). The project was sponsored by a group of 27 companies including all major Dutch NDT service providers, a power plants consortium and leading international oil & gas and chemical companies.

The symposium

At this KINT symposium, supported by the European Federation for Non-Destructive Testing (EFNDT) the results of the project will be presented, next to national and international presentations related to the PAUT inspection of welds in thin-walled materials. The symposium language is English and the full Symposium program will follow shortly.

Why you should attend:

- The results of this unique project will be presented by leading Dutch NDT specialists
- Presentations on related work will be held by renowned international speakers
- Latest developments will be presented in table top sessions by suppliers
- Networking opportunity with your international colleagues
- Dinner on October 30th

Location

Shell Technology Centre Amsterdam
Grasweg 31
1031 HW Amsterdam



Event Registration Form KINT Symposium 2019

Company :
First name :
Last name :
E-mail :
Phone :
Address :
City :
Country :

Costs : € 650,- * per person

* Register before 01 September and get € 75,- off.

On the 30th of October KINT will organise a diner with all our guests. Please let us know if you will be dining with us.

Yes, I will be dining with you this evening

No, I am unable to join for dinner

Please send your registration to info@kint.nl

For more information, please check <https://www.kint.nl/event>
Regular updates on the website!