



INTERNATIONAL SYMPOSIUM ROBOTICS AND REMOTE INTERNAL INSPECTION OF PRESSURE EQUIPMENT

15 & 16 February 2023
CO3 Campus Terneuzen | The Netherlands

Robotics and Remote Internal Inspection of Pressure Equipment

Over the course of two days, participate in workshops themed around remote internal inspections, attend presentations from industry experts and discover the latest robotics innovations as part of the exposition.

The event will take place at CO3 Campus Terneuzen (formerly Bio Base Europe Training Center), a unique location with a green identity in the southern part of the Netherlands. "Robotics and Remote Internal Inspection of Pressure Equipment" is a two-day international symposium co-hosted by KINT and SPRINT Robotics.

ATTEND

2-Day Event in the Netherlands

Workshops, Seminar and Exhibition

**15 & 16 February 2023
In-person event**

CO3 Campus Terneuzen
Zeelandlaan 2
4538 CA Terneuzen
The Netherlands

Symposium Program

DAY 1 – FEBRUARY 15

WORKSHOPS
11:30 – 17:00h
NETWORKING DINNER in Middelburg

DAY 2 – FEBRUARY 16

SEMINAR AND EXHIBITION
09:00 – 17:00h

** For both days there is a maximum capacity of 150 people.*

Seminar Program

We are pleased that representatives from these companies will be presenting at the seminar on Day 2:





DAY 1 - Workshop Program

REGISTER

to attend the International Symposium

Ensuring good inspection coverage

The discussion of inspection robotics often features simulations and digital twin as part of the solution, but what are the inspection challenges and how does this inform us about the actual requirements?

Cleaning for robots

Previous studies concluded that cleaning needs to be an integral part of remote visual inspection. A creative discussion will be held to find out what is possible and what is necessary.

Cameras

A high-resolution image is not enough to complete the picture of the health of a pressure vessel. In this workshop the actual performance will be compared to technological offerings.

Personnel requirements for remote visual inspection

In this workshop the need for separating responsibilities, the regulatory requirements, training and certification needs, and the advanced options offered by digital technologies and big data will be weighed, and conclusions will be drawn on how to best organize the work.

DAY 2 – Seminar and Exhibition

As part of the seminar program, industry experts share use cases and recommended practices for inspections. The exhibition will take place in the central hall and includes 15 spaces.

[Book your exhibition space here](#) | [View the floor plan](#)

NAME	COMPANY	PRESENTATION
Casper Wassink	KINT	"Indirect visual inspection of pressure vessels"
Jeff Sexton	Dow Chemical	KEYNOTE PRESENTATION: "Road to ZERO"
Andres Rivero Aguilar	Equinor	"RVI initiatives at Equinor"
Eric van Broekhoven	LRQA	"Pressure Equipment Inspection, applicability of indirect visual testing techniques"
Helen Peramatzis	HOIS	"HOIS Recommended Practice for remote internal inspection of pressure vessels"
Gijs Groote	Shell	"Cleaning your tank without entering it"
Liam Hanna	Eddyfi Technologies	"Integrated remote visual inspection solutions"
François Theil (Flyability); Steven Verver (Terra Inspectioneering)	Flyability with Terra Inspectioneering	"Flyability Elios 3 confined space drone, real world examples"
Peter van Amsterdam	Waygate Technologies	"Use case of magnetic crawler inside pressure vessels, gas spheres and polyethylene towers"
Kersten Zaar	viZaar	"Remote Visual Inspection use cases in challenging environments as nuclear and industrial pressure equipment"



INTERNATIONAL SYMPOSIUM PASSES

REGISTER

to attend the International Symposium

Symposium Pass Partout

PRICE: €699* ex. VAT

included:

- Entrance to Workshops, Seminar and Exhibition
- Lunch, coffee/tea on both days
- Networking Dinner (Day 1)
- Transport from Van der Valk Hotel Middelburg to event venue and restaurant

** KINT members and SPRINT Robotics member companies are entitled to a discount which has been sent by e-mail.*

Exhibition Space

PRICE: €750* ex. VAT

included:

- Table and chair (table width: 2 meters)
- One (1) Exhibition Only Pass
- Networking Dinner, including transport to/from restaurant (Day 1)
- Lunch, coffee/tea (Day 2)

** KINT members and SPRINT Robotics member companies are entitled to a discount which has been sent by e-mail.*

*** By purchasing an Exhibition Space package, you may attend the Networking Dinner on Day 1 (February 15th) and take part in the Exhibition on Day 2 (February 16th) and only have access to the Exhibition. Due to the limited space on the Exposition floor, we suggest for companies to come with one representative.*

BOOK

Exhibition Space

About KINT

The foundation of KINT stems from the 1950's, as a Dutch NDT group within the Society of Materials Knowledge. Later it became the Dutch Society for Non-Destructive Testing and in 1986 KINT, the Dutch Society for Quality Surveillance, Inspection and Non-Destructive Testing was established. Besides being active in support to training, qualification and certification, KINT is also active in the field of Joint Industry Projects, which often provide solid results which lead to new or improved standards.

About SPRINT Robotics

The SPRINT Robotics Collaborative is an industry-driven initiative that promotes the development, availability and application of Inspection & Maintenance Robotics around the world. SPRINT Robotics is a not-for-profit organization and has become an internationally recognized platform for I&M Robotics with a support base of more than 100 organizations globally. We connect end users with service and technology providers, creating the engine for acceleration in the realization of our vision.