



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

Remote visual inspections are helping to maintain assets in a safer, better and faster way, decreasing the need for human entry into assets. However, there are bottlenecks between technology and practical necessity, increasing the need to develop recommended practices to meet requirements of regulations.

This international symposium is a two-day event co-hosted by KINT and SPRINT Robotics. Attendees will 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.

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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 – 17:00

Subjects: Ensuring good inspection coverage, Cleaning for robots, Cameras, and Personnel requirements

NETWORKING DINNER in Middelburg

DAY 2 – FEBRUARY 16

SEMINAR AND EXHIBITION

09:00 – 17:00

Program highlights include keynotes from Dow Chemical and Shell; compact exhibition of service and technology providers

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

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.



INTERNATIONAL SYMPOSIUM PASSES

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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 will be sent by e-mail*

Exhibition Space

PRICE: €750* ex. VAT

included:

- The exhibition space will either be a tabletop or pod
- One (1) Exhibition Only Pass
- Lunch, coffee/tea on Day 2

** KINT members and SPRINT Robotics member companies are entitled to a discount which will be sent by e-mail*

DAY 1 - Workshop Program

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

Program highlights include keynotes from Dow Chemical and Shell, and a compact exhibition of service and technology providers.