

# ON OUR ROAD TO EUROMAINTENANCE

NEWSLETTER DECEMBER 2022



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## ASSET MANAGEMENT AT ITS BEST



### EUROMAINTENANCE AND MAINTENANCE NEXT

#### INTRODUCTION

EuroMaintenance, the largest European conference on maintenance has existed since 1972 and is an initiative of the EFNMS (European Federation of National Maintenance Societies) and organized by the Dutch Maintenance Society NVDO in 2023. Maintenance NEXT is the most important platform for industrial maintenance in the Benelux.

The largest European maintenance conference will be held in Rotterdam from 17 to 19 April 2023. At the same time, Rotterdam Ahoy will be hosting the largest technology and maintenance exhibition in the Benelux from 18 to 20 April 2023: Maintenance NEXT.

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## It's time: Registration Maintenance NEXT & EuroMaintenance is open!

While the last two Keynotes still have to provide their final input, we offer you, your colleagues and relations a TOP level program!

Take a look at the conference with super instructive workshops, fascinating inspiring tables and of course Keynotes of the highest level.

Would you like to register in advance? This is possible for free for Maintenance NEXT [via this link](#) or you can buy a ticket for the [EuroMaintenance conference](#) here.

We all hope to meet each other in April next year at Rotterdam, the Maintenance Capital of Europe!

In the meantime we wish you a Merry Christmas and a Successful and very Happy New Year!

Kind regards,

Ellen den Broeder-Ooijevaar

on behalf of the EuroMaintenance Team



Smart Industry



Human Factor



Asset Performance Management



Safety



Sustainability

## Awards for academic achievements in maintenance research

During EuroMaintenance academic awards will be handed over to the winners of the bi-annual European Thesis competition. There is an award for the best master of science thesis (MTA) and an award for the best Ph. D thesis (PTA). A short ceremony will be held to honor the most outstanding scientific and technical results in the field of maintaining assets. It's one of the common objectives of EFNMS and the Salvetti Foundation to promote the awarding of prizes and distinctions relating to maintenance. In cooperation with the European National Maintenance societies and the EFNMS, the Salvetti Foundation was tasked to organize these thesis awards.

Twelve Thesis studies were ranked by 25 professors from 16 different countries. The final ranking for the winners and 2 runners-up are listed as follows:

*EFNMS Excellence Award for M.Sc. Thesis in Maintenance (MTA)*

1. (WINNER) Alberto Franzini, A Framework for CBM Implementation: from Data Acquisition to Decision-Making (Italy)
2. Nuno Miguel Canas Antune, Risk assessment of physical assets based on a Fuzzy-FMEA methodology (Portugal)
3. Juan Izquierdo, Methodology for the assessment of the operational context impact on the reliability of critical assets (Spain)

*EFNMS Excellence Award for Ph.D. Thesis in Maintenance (PTA)*

1. (WINNER) Jyri Hanski, Supporting strategic asset management in complex and uncertain decision contexts (Finland)
2. Michiel uit het Broek, Condition-based production and maintenance decisions (the Netherlands)
3. Hugo David Nogueira Raposo, Models for Optimizing the Time for Replacement Urban Transport Buses with Indexing to the Reserve Fleet (Portugal)

## LEARN ALL ABOUT ULTRASOUND TECHNIQUES

Human ears can't hear the frequency of ultrasound and ultrasonic vibrations. Ultrasound provides early detection of bearing damage and lubrication problems. It is understood to mean frequencies that are generally above the human hearing limit of about 18 kHz. Wear on rotating and reciprocal machine parts is often accompanied by ultrasonic detection, so this technique can be used to overcome this wear. Ultrasound technology can overcome insufficient lubrication or the breaking of a lubricating film layer.

At EuroMaintenance we will learn from Haris Trobradović, SDT International. Haris takes you in Electrical motor, Steel Mill, broken rotor bar, Lubrication, Chemical plant, extraction fans. But he will also catch you up with Low-speed bearings – Barit mine, mill and Leaks (glass bottle manufacturing, forming machine).



## ROBOTS DOING MAINTENANCE?

Developments due to robotization ensure that employees can reach more difficult places more easily by carrying out digital inspections in advance. Virtual Reality/Augment Reality makes it easier for employees to watch from a distance, which improves work safety. In addition, there is also increasing social pressure, which means that legislation and regulations are being tightened up.

This includes preventing the release of harmful substances and other safety protocols. Preventing disruptive effects caused by, for example, legislation and regulations, can ensure that companies give an even more central position to a safe working environment.

David Lopez, Siteplant (Spain) is one of the EuroMaintenance workshop leaders; "Companies are drastically increasing their automation level, both in routine tasks and in non routine tasks. In this scenario, robotics seeks for new fields of application, not necessarily related with productive tasks.

Moreover, reliability will be the key transversal function to be empowered within these 'automated' organizations and Artificial Intelligence will provide (in fact, it is providing...) robots with new analytics and decision-making capabilities that boost their autonomy".

## BECOME A PARTNER

EuroMaintenance is the perfect opportunity to present your company internationally and to the right audience. We offer 3 limited partnership packages to choose from. Our partnership packages offer you among other things the opportunity to host a workshop, to host a stand, congress tickets and much more. Do you want to participate? Please fill out [the form](#) for more information. You can be a part of the largest European maintenance congress!

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## Inspiring Table Human Factor; Opportunities instead of Problems

Together, the group of (international) TOPprofessionals will give their view on the subject and discuss the latest trends

- Jeroen Tijink - CEO Techsharks
- Wim Davidse - Flex and Labor Market Strategist Dzing
- Jos van Kessel - Chairman of the Board Koning Willem I College
- Richard Martinus - Regional HR Director Europe Perfetti van Melle
- Thomas van Meenen - Group Director Human Resources Van Geloven (Part of McCain Foods)
- **Hosts:** Laura van der Linde, Mainnovation and Cosmas Vamvalis, on behalf of EFNMS

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HUMAN FACTOR



## HOW TENNET'S MAINTAINING THE GRID FUTURE-PROOFS MAINTENANCE, HARMONIZES EFFORTS ACROSS COUNTRIES AND BALANCES WORKLOAD

TenneT wanted to focus on their asset investment planning (balance workload) while still maintaining the grid across the disciplines in the Netherlands, Germany and off-shore. The challenge was to keep preparing and planning for the long-term while keeping maintenance of assets going and taking the shortage of technical staff into account.

During EuroMaintenance Ernstjan Meinen (MaxGrip) and Jos Slangen (TenneT) present their starting situation and then they will take the audience along the journey of improvement. Both professionals will share 5 challenges/ dilemmas or roadblocks along the way and will ask the audience to share their ideas/solutions before they presenting theirs. They will use a polling app for that.

## SAFETY & HEALTH PROCEDURES DURING ASSET MAINTENANCE AND PLANNING

Charles Grisel, Sr Account Manager at SOA People; "Today, one can use a highly integrated system where the production department, safety & health department and maintenance department can use the same data to identify key risks and is successfully able to mitigate those risks in an efficient way. Work Permit and LOTO integration in Maintenance Planning is required to reduce these risks during the maintenance process. The SAP ERP system in combination with the Ready4 Asset Management solution enables us to integrate Work Permits and LOTO and makes it visible prior to and during the planning of work orders & tasks and thus ensures that work can only be done on released and secured Assets". Creating a safer working environment whilst gaining efficiency as an organization.

*Looking forward to EuroMaintenance*

Grisel; "SOA People is part of EuroMaintenance because we do feel that it's important for organizations to adapt their business processes in order to be able to use an integrated system and optimize their maintenance".

EURO  
MAINTENANCE

ROTTERDAM AHÖY  
17 - 19 APRIL 2023

KEYNOTE



**MATTIAS ARSTADIUS**

Sales Director EMEA at SKF

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**SUDHANSHU KAPOOR**

Vice President Sales AR/MR EMEA at Teamviewer Germany GmbH

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KEYNOTE



**DIEGO GALAR**

Professor at Lulea University of Technology

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