



Welcome to the **AMS Reliability Days** - with the theme of '**Future Maintenance**' - on the **25th & 26th January 2017**.

In this program sheet you will find more information about our presentations and workshops.

The presentations are held mostly in English, see the language flag in front of the presentation in the session list. At all presentations a representative from Sweden, Denmark and Finland will be available. Each session is 45 minutes.

As in previous years, the presentations and workshops will be held in three conference rooms in parallel and you can choose the sessions you would like to join, with some sessions being common to all.

You will during these days have the opportunity to meet with developers and manufacturers of the products / systems and there will also be an opportunity for sharing experience between users.

Sincerely

Askalon AB / Emerson

Karlstad Congress Culture Centre

Tage Erlandergatan 8A, 652 20 Karlstad, Sweden

 **Smart Industries Require Smart Maintenance**

Structural changes are more important to understand than the development of the business cycle when we are trying to forecast the future. The most dominating structural changes that we experience in our time is globalization, urbanization and digitalization. The impact of digitalization is huge. According to Oxford University, 50% of present of present positions in our organizations will be replaced by digital solutions within ten to fifteen years. However, this requires a technology with an enormous high level of reliability. We will be totally dependent of robots in production, infrastructure, administration and in the welfare sector. Therefore, we need a Smart Maintenance with a zero tolerance for functional failures as its mission and responsibility.

Speaker: Anders Källström

Chairman of the Board, Sustainability Circle

 **The CSI 6500 ATG allows you to cost-effectively initiate prediction monitoring of critical assets from the same system.**

Cut through the complexity of machinery analysis by adopting a simple solution that can see data on your mobile device.

Many plants are required to have protection systems on their critical assets. But having prediction capabilities makes sense too because “it costs approximately 50 percent more to repair a failed asset than if the problem had been addressed prior to failure.

Speaker: Tomazs Lech

Business Development Manager, Online Reliability Solution, Emerson Automation Solutions

 **Change the Way You Look at Asset Health**

You have thousands of machines, any one of which could be developing a critical problem. You collected data from these machines, but having a single location where the data comes together and you can identify your troublemakers quickly would be more efficient.

Speaker: Duncan Schleiss

VP Business Development, Emerson Automation Solutions

 **Product update and Road map of AMS Machinery Manager and Hardware's. Guardian Support.**

Next versions of AMS Machinery Manager and new capability in CSI products. The value of an Guardian Support and the opportunities it gives.

Speaker: Dieter Charles

Business Development Manager, Portable Reliability Solution, Emerson Automation Solutions



Using AMS Smart Technologies to Control Unwanted Events

To implement optimised condition monitoring, AMS technologies should be selected based on monitoring the faults that impact the functions you care about. During this session, we will explore the identification of failure modes which help select the right condition monitoring technology and define control charts that can be used to tune alerts and performance parameters to identify faults indicating potential through to functional failure.

Speaker: Justin Eames

CMRP Reliability Consulting at Emerson Automation Solution



Reliability vs Bearing Damage!

Bearing damage, its cause and effect - By detecting a damaged bearing in the early stage can minimize costly machine breakdowns and production losses. Discovered bearing damage at an early stage, the primary injury, can by analyzing the damage also determine the possible cause and thus prevent it differs from when the layer is allowed to move to a secondary injury.

Speaker: Patrick Jansson

Sales Engineer Reliability Solution, Askalon AB



Cutting Through the Complexity of Machinery Analysis

PeakVue technology cuts through the complexity of machinery analysis to provide a simple, reliable indication of equipment health. It works through a single trend that filters out traditional vibration signals to focus exclusively on impacting. This focus provides a much better indicator of overall asset health on pumps, motors, or other types of rolling-element bearing machine.

Speaker: Anders Hultman M.Sc.

Vibration Engineer, Askalon AB



Software module for the new ARES™ Asset Management Platform to maximize asset performance and reliability together with CSI 9420

You collect data from many machines, but having a single location where the data comes together and identifying troublemakers quickly would be more efficient. The process is simplified in AMS Machine Works because creating a database and configuring devices, allow the user to get started quickly and start identifying problems. AMS Machine Works combines predictive maintenance techniques with comprehensive analysis tools to provide easy and accurate assessment of the machinery health in the facility.

Speaker: Tomazs Lech

Business Development Manager, Online Reliability Solution, Emerson Automation Solutions



In-Field Analysis: Monitoring Problem Machines, Capture Machine Startups/Shutdowns.

Portable instrument can also serve as a temporary online monitor. With line power, you can continuously monitor machine health for up to a month. The CSI 2140 can automatically acquire and store data, including overall vibration, fault frequency bands associated with specific fault types, or even the complete spectrum over an extended period of time. Capture the break-in period for new equipment or ensure that a machine with a known fault can make it to the next outage. **Workshop session.**

Speaker: Adam Lindberg

Vibration Engineer, Askalon AB



Product update and Road map of AMS Device Manager Version 13.1 & 13.5.

Next versions of AMS Device Manager. Enhanced functionality along with integration to the new ARES platform.

Speaker: Nicholas Meyer

Product Marketing Manager – Handheld Communicators, Emerson



Use AMS Device Manager in plant and project commission.

Make use of different tools as Quick Check and Bulk Configuration to more efficient commission your instruments and valves during new projects.

Speaker: Mattias Ågren

BDM Device Manager NEE, Askalon AB



Condition monitoring for Instrumentation and Valves with Alert Monitor.

Advanced alert monitoring functionality allows you to better manage your alerts and to make targeted decisions. Alert Monitor allows you to easily filter alert based on severity, location, or tag, so you can quickly determine your maintenance actions.

Speaker: Tiberiu Socaci

BDM Reliability Solutions, Emerson



Implementation Services for AMS Device.

Implement Standard Services are designed to integrate your AMS Device Manager system with your maintenance work processes. See how we help you find KPI's, Create Maintenance Strategy and train your personals.

Speaker: Tiberiu Socaci

BDM Reliability Solutions, Emerson

 **AMS Device Manager Security**

Manage the new Security functions within AMS Device Managers new versions.

Speaker: Nicholas Meyer

Product Marketing Manager – Handheld Communicators, Emerson

 **AMS Trex Device Communicator**

Get the view of the brand new AMS Trex Communicator.

Product and integration with AMS DM.

New way's of Synchronizing data.

Speaker: Tiberiu Socaci

BDM Reliability Solutions, Emerson



 **Field instruments get smarter by the minute**

Utilize new types of diagnostics in your existing equipment to extend the reliability and availability of the installation.

Speaker: Ulf Olsson

Technical Specialist Instruments, Emerson

 **Improve Operator performance**

How Human Centered Design and Alarm Optimization and Rationalization can increase Operator performance.

Speaker: Johan Selinder

System sales manager, Emerson

 **Safeguard your process control system**

Introduction to cyber security threats, security concepts and best practices in order to protect your process control system in an ever-changing and fast-paced environment.

Speaker: Johan Selinder

System sales manager, Emerson



 **Kickstart the hidden AMS-power within DeltaV**

Short training course to help you get started with the built-in AMS DM available in every DeltaV-system.

Speaker: Mattias Mollstedt

Service Manager System, Emerson



Get up to date on the FIELDVUE Product Portfolio and review its existing features

This session reviews the available FIELDVUE products and give you the greatest and latest updates. Get to know the new features in AMS ValveLink, new functionality in FIELDVUE and much more.

Speaker: Andrea Tarantino, Instrument Solutions Manager Fisher and Frank Beckius, M.Sc Service Engineer, Askalon AB



Know your Full Potential of your FIELDVUE Safety Instrumented System

A presentation and demonstration of modern techniques and features for safety. Tips that will make improve your Safety Instrumented System. We will discuss the integration and use of FIELDVUE DVC SIS.

Speaker: Andrea Tarantino, Instrument Solutions Manager Fisher and Frank Beckius, M.Sc Service Engineer, Askalon AB



Condition Based Monitoring for Control Applications using Performance Diagnostics

A step by step discussion and demonstration of FIELDVUE hints and tips that will help you setup and use condition based monitoring for valves and instruments. See the fully potential of the latest features for valve diagnostics and monitoring.

Speaker: Andrea Tarantino, Instrument Solutions Manager Fisher and Frank Beckius, M.Sc Service Engineer, Askalon AB



Learn to Interpret your Advanced Diagnostics Valve Signature Data

Learn how to analyse and interpret valve signatures, seating profiles and actuator forces. Understanding the mechanics of the device will make you recognize good performance and performance anomalies.

Speaker: Magnus Dahlén, Area Sales Manager, Askalon AB and Frank Beckius, M.Sc Service Engineer, Askalon AB

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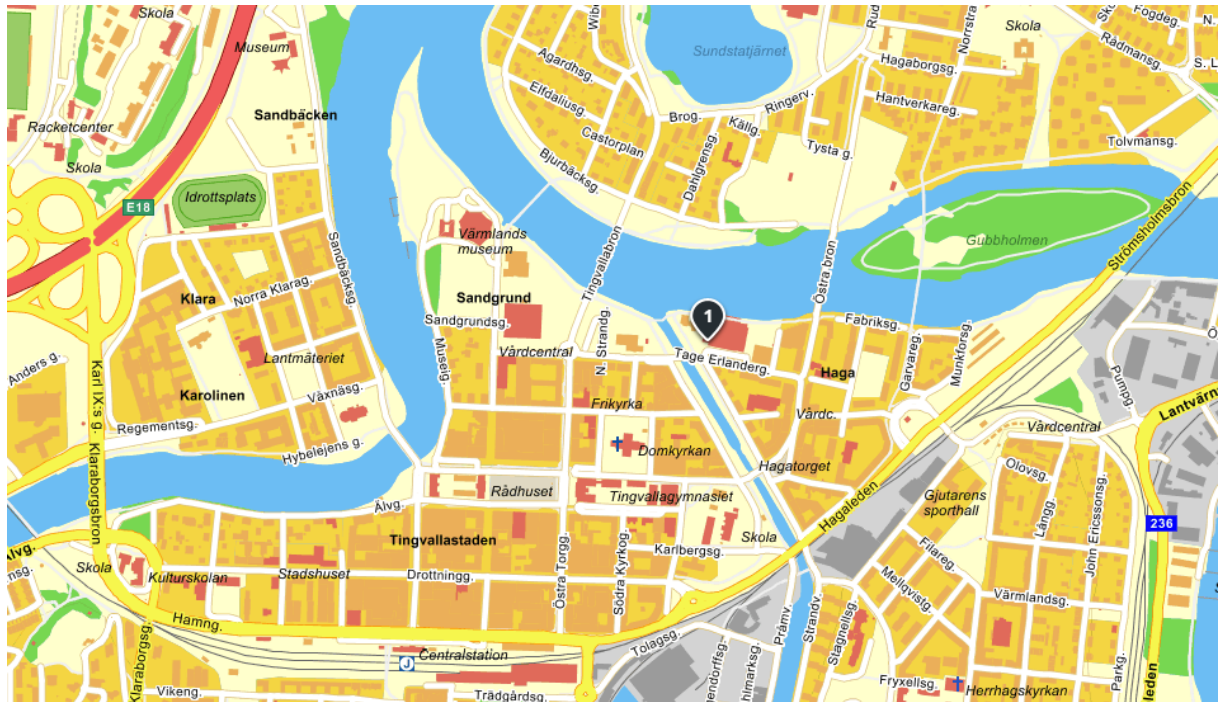


FIELDVUE Lifecycle Services

A review of the available FIELDVUE service tools - its purpose and usage. Select correct products for the application, develop a good FIELDVUE work routine for the configuration and make sure your personnel is up to date on the products and its diagnostic capabilities.

Speaker: Per Locke, Service Manager, Askalon AB and Frank Beckius, M.Sc Service Engineer, Askalon AB#

Find Karlstad Congress Culture Centre
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For more information and **reservations** contact your local sales representative or:

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Regards

Askalon AB / Emerson