

Dear Ladies & Gentlemen,

the Interreg Project AT-CZ “PredMAIn - AI-based Predictive Maintenance” invites to the first communication event. Due to the currently increasing COVID numbers this event will be held ONLINE via MS-Teams.

Predictive maintenance (PdM) is currently considered the top use case of artificial intelligence (AI) in production. The potential for manufacturing SME is currently not exploited to the full extent. This is mostly due to a lack of prerequisites for utilizing AI by SME, such as an easy and uncomplicated application by the user on site. Therefore, the project goal is to create general and transferable knowledge for manufacturing SME about AI-based predictive maintenance systems.

In the first communication event, we will present the approach and potential for SME and would like to collect their specific requirements in discussion rounds in order to incorporate them into AI development.

We are looking forward to welcoming you at the 1st PredMAIn Communication Event.

When: 23 MAR 2022, 9am – 12.30pm

Where: Online

Sign up: <https://www.eventbrite.at/e/predmain-communication-event-tickets-293787605637?aff=ebdssbonlinesearch>

24h before the event an MS Teams Link will be sent to you.

Best regards,

PredMAIn – Team

Opening Session (9am – 9.45am)

Welcome & Introduction

Words from Coordinator

Mario Pichler – Software Competence Center Hagenberg GmbH (SCCH)

Words from EcoPlus

Rainer Gotsbacher – EcoPlus

Predictive Maintenance in the COMPAS Concept

The Importance and rising Awareness of Predictive Maintenance and Knowledge in Practice

Josef Dušek – Compas automatizace, spol. s.r.o.

PredMAIn – Project Presentation

An Introduction to the Interreg AT-CZ Project “PredMAIn”

Mario Pichler – SCCH

Main Session (9.45am – 10.45am)

Predictive Maintenance in Austrian Companies - Austria Study 2018

The implementation of PdM practices and processes in Austrian companies was surveyed. Various topics were highlighted, such as drivers for PdM initiatives, technologies used and organizational implementation. More than 50 companies took part in the survey, the main results are presented in this 15-minute presentation.

Alexander Wimmer – IPN Intelligent Predictive Networks GmbH

Ballscrew Life Span Testing

The presentation introduces a new methodology for ball screw life span testing and presents a test rig developed for this purpose.

Jonatan Wolf – Intemac Solutions, s.r.o.

Predictive Maintenance Use Case in Machine Tools and Manufacturing

We present a vision to deal with predictive maintenance (technologies used...) and several use cases related to machine tools and manufacturing.

Amaia Arregui – Ideko S.Coop

Predictive Maintenance

A Machine Learning Project: Opportunities and Risks based on a Project that failed and yet was successful.

Markus Hohlagschwandtner – FOTEC Forschungs- und Technologietransfer GmbH

Discussion & Outlook Session (10.55am – 12.30pm)

Overcoming challenges for SME

for Realizing Key Concepts in Predictive Maintenance

Florian Sobieczky, Maqbool Khan – SCCH

Ivo Bukovský – University of South Bohemia

Workshop

Discussion Round: SME Perspective on AI based Predictive Maintenance

Wrap-up

Summary of Needs of SME & Outlook Discussion

Florian Sobieczky – SCCH

Conclusion

Mario Pichler – SCCH

Markus Varga – AC2T

END – 12.30pm
