

# INT'L SEMINAR

## ADVANCED DIAGNOSTICS OF ROTATING MACHINES

Hotel Courtyard by Marriott Pilsen, Sady 5. května 57, PLZEŇ  
**14. and 15. April 2026**

### PROGRAM – Tuesday, 14. 4. 2026

**9:00 – 9:10 Opening of the Seminar**

**Welcoming Participants, Introductory Word**

Richard POLÁK / PROFESS, Plzeň, CZ

**9:10 – 9:40**

**Key Projects in the Pipeline in the Renewable and Low-emission Energy Division of ČEZ Group**

Luděk DUŠEK/ ČEZ, Prague, CZ

**9:40 – 10:10**

**Power-Grid Stability in the Context of Black-Out**

Karel NOHÁČ, Ph.D./ TU Plzeň, CZ

**10:10 – 10:40**

**Rotor Vibration as a Window into Turbine Blade Condition**

Jindřich LIŠKA, Ph.D./ TU Plzeň, CZ

**10:40 – 11:00 Coffee Break**

**11:00 – 11:20**

**How the AI-Embedded Edge Device Asset Monitor Is a Game-Changer for Medium-Critical Machines and BOPs**

Pierre KNUCHEL, EMERSON AS, Baar, CH

**11:20 – 11:45**

**Diagnostics of Increased Vibrations: Morton Effect and Turbine Protection with TLCS & RAMS**

Václav POLREICH / DOOSAN Škoda Power, Plzeň, CZ

**11:45 – 12:15**

**Unmanned Aerial Systems for Effective Control of Technologies Ageing in Power Generation**

Filip SCHMIDT / Centrum výzkumu Řež, Plzeň, CZ

**12:15 – 13:00 Lunch Time**

**13:00 – 13:25**

**Structural Dynamic Monitoring of the Primary Circuit in Nuclear Power Plant**

Dr. Pavel KODET / FRAMATOME, Erlangen, DE

**13:25 – 13:45**

**Further Development of Vibration STG 1000 MW ETE and Related Findings During Outage**

Jan HAVELKA / ČEZ, Temelín, CZ

**13:45 – 14:10 Coffee Break**

**14:10 – 14:40**

**Selected Examples of Operational Issues on Industrial Steam Turbines**

Dr. Wolfgang BEER / SIEMENS-Energy, Nürnberg, DE

**14:40 – 15:00**

**Influence of a Scanning Box on the Settling Time of Pressure Measurement in Turbomachinery Environments**

Prof. Dr. Reinhard WILLINGER / Technische Universität Wien, AT

**Excursion – Visit (optional):**

**15:45 – 17:30 DOOSAN ŠKODA Power s.r.o.**

Visit to the Turbine Manufacturing Factory.

(15:30 - bus departure from hotel Courtyard)

**16:00 – 17:40 Pivovar Gambrinus**

Visit the Gambrinus Brewery

(15.40– short walking from hotel Courtyard)

**18:00 Social Evening – Get-together**

**Vienna House Easy by Wyndham Pilsen**

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**14. and 15. April 2026**

### PROGRAM – Wednesday, 15. 4. 2026

**9:00 – 9:25**

**Carbonized Oil Rub Effect in the Labyrinth Seals  
Of Gas Turbine - Diagnosis & Resolution**

Dr. Peter POPÁLENY / Baker Hughes, Bratislava, SK

**9:25 – 9:55**

**Steam Turbine Rotor Crack, Yes or No?**

Rik GEERDINK / IN2VIBA, Arnhem, NL

**09:55 – 10:25**

**Baseline-Driven Anomaly Detection: Addressing  
the Scarcity of Failure Data in Gearbox Monitoring**

Dr. Michael HASSLER / RENK Group, Augsburg, DE

**10:25 – 10:45 Coffee Break**

**10:45 – 11:15**

**Online Partial Discharge Monitoring on Stator  
Winding Insulation of Rotating Machines**

Roger HASLIMEIER / Sparks Instruments, Rossens, CH

**11:15 – 11:35**

**Solution for Cracking Bolts Connecting the Motor  
and Transmission of the Train's Drive Chassis**

Petr NAHODIL, Ph.D. / ELVITED, Lomnice, CZ

**11:35 – 12:00**

**Operational Balancing of the 335 MW  
Motor-Generator Rotor after Stator Modernization**

Jiří LÁBADI / 1. SERVIS-ENERGO, Plzeň, CZ

**12:00 – 12:30**

**High Values of Second Harmonic Component of  
Vibrations? Don't be Fooled by Diagnostic Manuals!**

Lubomír LAZAR / VIBROCONTROL, Brno, CZ

**12:30 – 13:30 Lunch Time**

**End of the Seminar**



*The seminar is intended for anyone interested in machine health monitoring, condition monitoring, fault diagnosis, and troubleshooting.*

*The aim of the seminar is to provide participants with clear and understandable information about the possibilities of advanced diagnostics and its practical application..*

**Richard POLÁK**  
CEO

# INT'L SEMINAR ADVANCED DIAGNOSTICS OF ROTATING MACHINES

Hotel Courtyard by Marriott Pilsen, Sady 5. května 57, Plzeň, Czech Republic

**14. and 15. 4. 2026**

## APPLICATION FORM

Company: .....

Invoicing Address: .....

### Binding registration:

(Name and Surname, Phone number, E-mail)

.....  
.....  
.....

**PARTICIPATION FEE:**                       **690,- EUR/person**

## ACCOMMODATION RESERVATION

stay 13. 4. / 14. 4. 2026     stay 14. 4. / 15. 4. 2026

Price for accommodation: 99,- EUR/person/night

Accommodation in single room will be provided at the hotel Courtyard by Marriott Pilsen\*\*\*\*, Sady 5. května 57, Plzeň  
The amount is without 12% VAT. Accommodation will be reserved only - each participant will pay individually at the hotel.

## EXCURSION (optional)

Brewery GAMBRINUS  
Excursion

DOOSAN SKODA POWER  
Manufacturing excursion

Ordered by (Name and Surname, Phone): .....

In ..... date ..... Signature, stamp .....

Privacy Policy: By signing this application form I agree that my personal data will be processed and used for the purposes of this event and for informative purposes in regard of future events. By my participation, I agree with free use of any photographs and videos taken during the event (in order to document the seminar and promote the event).

This application is binding. Any cancellation must be notified at least 1 week before the event (no cancellation fee).  
For later cancellation, a fee of 75% of the total price will be charged. At the seminar you can delegate somebody in your place.

**Please send the binding application form at the latest by 08. 04. 2026 on e-mail address [logistika@profess.cz](mailto:logistika@profess.cz)**

Sole responsibility by: Linda Kovárnová, Lucie Neckářová, tel.: +420 377 454 411