



## Tuesday - 06/06/2017

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|---------------|---|---|--|
| 06:00 - 16:30 | Registration  |   |  |
| 07:00 - 08:00 | Morning Coffee and Tea  |   |  |
| 08:00 - 09:15 | Welcome and Keynote Address   |   |  |
| 08:30 - 09:15 | KN1: Keynote - Challenges for Maintenance in a Changing World<br>Herman Baets, Company Manager - Independant Consultant, MRT  |   |  |
| 09:30 - 12:30 | WS1: Practical vibration analysis workshop: Interactive of ultrasound signals and challenging case studies (Part 1 - Part 2 required below)<br>Scott Dow, Senior Instructor, Mobius Institute | AMWS2: Time signal analysis workshop<br>Tom Murphy, Corporate Training Manager, SDT<br>Ultrasound Solutions | AMWS3: Detecting and preventing rolling element bearing faults<br>Jason Tranter, Managing Director, Mobius Institute           |
| 12:30 - 13:30 | Lunch   |   |  |
| 13:30 - 16:30 | WS1: Practical vibration analysis workshop: Interactive and challenging case studies (Part 2 - Part 1 required above)<br>Scott Dow, Senior Instructor, Mobius Institute                       | PMWS4: Bearing inspection with ultrasound<br>Peter Boon, European Training Manager, UE Systems Europe       | PMWS5: An animated introduction to fluid-film bearing vibration analysis<br>Jason Tranter, Managing Director, Mobius Institute |
| 16:30 - 18:00 | Welcome Reception in Exhibition   |   |  |

## Wednesday - 07/06/2017

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|---------------|---|--|--|--|--|
| 06:00 - 16:30 | Registration  |  |  |  |  |
| 07:00 - 08:00 | Morning Coffee and Tea  |  |  |  |  |
| 08:00 - 09:15 | Welcome and Keynote Address   |  |  |  |  |
| 08:30 - 09:15 | KN2: Keynote - Successfully Applying Predictive Analytics for Data Driven Maintenance<br>Dr. Joris Van Ostaeyen   |  |  |  |  |
| 09:15 - 09:45 | Morning Coffee and Tea Break in Exhibition  |  |  |  |  |
| 9:45 - 10:30  | 1S1: Isolators – How on earth does putting springs under a machine reduce vibration?<br>Jason Tranter, Managing Director, Mobius Institute                    | 2S1: Case Study Challenge: Test your analysis skills in a case study presentation that asks you, the audience, to decide what to do next<br>Scott Dow, Senior Instructor, Mobius Institute | 3S1: Case Study: Condition Monitoring & RCA: A road map to operational excellence<br>Muhammad Asadullah, Assistant Manager Technical Services, Uch Power Private Limited | 4S1a: The felt roll bearings - how to identify loose inner ring's fit on a roll journal<br>Pavel Jakobson, PdM and Precision SME, ILIM Group | 4S1b: Failure detection on a bearing from an alternator with envelope technique.<br>João Duarte dos Santos, Lieutenant, Engineer, Portuguese Navy                              |
| 10:45 - 11:30 | 1S2: Case Study: Added value of permanent vibration monitoring for turbomachinery<br>Sébastien Grégoire, Technology Manager Vibrations & Mechanics, Laborelec | 2S2: Accurate condition monitoring of ultra-low and low speed machines<br>Tim Sundstrom, Manager of Strategic Sales & Application, SPM Instrument AB                                       | 3S2a: Case Study: Bridge to better Condition Based Maintenance<br>Jos Sas, Product Manager, Allied Reliability Group   | 3S2b: Case Study: Predictive Maintenance and Vibration CM in a paper plant: SUPREME project<br>Sophie Sieg-Zieba, Project Manager, CETIM     | 4S2: Machinery Health Diagnostics: An insight to condition monitoring<br>Daniyal K. Durrani, Reliability Lead, United Energy Pakistan (former British Petroleum)               |
| 11:45 - 12:30 | 1S3a: Motion Amplification: A revolution in vibration and structure monitoring<br>Nicolas Bleret, Business Development Director, I-Care                       | 1S3b: Case Study: History of dealing high vibration on NOx gas compressor during startup<br>Mohsin Murtaza, Machinery Engineer, Fatima Fertilizer Company Limited                          | 2S3: High frequency vibration analysis using the PeakVue technology<br>Anders Hultman, Vibration Engineer M.Sc., Askalon   | 3S3: High return motor management<br>Mark Gurney, Reliability Engineer   | 4S3: Condition monitoring on rotating machines illustrated by an example of azimuth thruster<br>Harald Reiners, Manager Condition Monitoring Services, FAG Industrial Services |
| 12:30 - 13:30 | Lunch in Exhibition   |  |  |  |  |
| 13:30 - 14:15 |   | 2S4a: A quick introduction to the other condition monitoring technologies<br>Jason Tranter, Managing Director, Mobius Institute  | 3S4: The Multi-Technology Approach to CBM<br>Ettore Di Pasquale, Service Division Manager, SPM Instrument Srl  | 4S4: How to increase your MTBF through wireless vibration monitoring?<br>Johan Van Puyenbroeck, Business Development                         |  |

Manager, I-care Reliability  
Group  
Pieter Van Camp, I-care  
Reliability

14:15 - 14:45 Afternoon Coffee and Tea Break in Exhibition

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| 14:45 - 15:30 | 1S5: Recent advances in vibration based bearing condition monitoring<br>Agusmian Ompusunggu, Senior Research Engineer, Flanders Make vzw | 2S4b: cont'd. A quick introduction to the other condition monitoring technologies<br>Jason Tranter, Managing Director, Mobius Institute  | 3S5b: Oil Analysis of air compressors leads to 48% energy saving<br>Mark Gurney, Reliability Engineer                                  | 4S5: Quality alignment depends on measurement quality<br>Dragutin Lacko, Technincal Manager, PRUFTECHNIK N.V.         |
| 15:45 - 16:30 | 1S6: Case Study: Wind turbine gearbox shafting torsional vibration analysis<br>Max Ma, President, MHCC                                   | 2S5: Assessing the fatigue life of components mounted on rotating machinery<br>Frédéric Kihm, Engineering Consultant, HBM Prensicia<br>Dr. Marco Bonato, Reliability Engineer, Valeo | 3S6: Case Study: Predictive analysis to a HDPE extruder gearbox failure – Reverse analysis<br>João Costa, Reliability Engineer, Repsol | 4S6: High definition gearbox monitoring<br>Tim Sundstrom, Manager of Strategic Sales & Application, SPM Instrument AB |
| 16:30 - 17:30 | Reception in Exhibition  |  |  |   |
| 18:00 - 20:30 | Evening Dinner & Entertainment   |  |  |   |

## Thursday - 08/06/2017

06:00 - 15:00 Registration

07:00 - 08:00 Morning Coffee and Tea

08:00 - 08:45 KN3: Keynote: Fault Detection, Root Cause Analysis and Documenting your VA Program  
Dean Whittle, Managing Director, Reliability Maintenance Solutions Ltd

09:00 - 09:45 K4: Keynote - Making Vibration Analysis Count  
Jason Tranter, Managing Director, Mobius Institute

09:45 - 10:15 Morning Coffee and Tea Break in Exhibition

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| 10:15 - 11:00 | 1S7a: Vibration troubleshooting - case studies for different fault types<br>Ninoslav Zuber, Associate Professor, Technical Research Center and Faculty | 2S6: VFDs: The vibration analyst's worst nightmare<br>Scott Dow, Senior Instructor, Mobius Institute | 3S7: Why care about torsional vibrations ?<br>Frits Petit, Expert Engineer Vibrations & Mechanics, Laborelec | 4S7: Bridging the Vibration Gap with Digital Vibration Products<br>Tom LaRocque, Director, Research and Development, Meggitt (Maryland), Inc. |
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|               | of Technical Sciences in Novi Sad  |  |   |  |   |
| 11:15 - 12:00 | 1S7b: cont'd. Vibration troubleshooting - case studies for different fault types<br>Ninoslav Zuber, Associate Professor, Technical Research Center and Faculty of Technical Sciences in Novi Sad | 2S7: Acoustic vibration monitoring<br>Tom Murphy, Corporate Training Manager, SDT Ultrasound Solutions   | 3S8a: Case Study: Torsional resonance on centrifugal blower<br>Kris Deckers, Technical Director, Allied Reliability Group Emea  | 3S8b: How using a different kind of sensor can give a new dimension to your Vibration Analysis<br>Geoff Walker, Operations Director, Artesis LLP                                     | 4S8: Monitoring System - Learn as much as possible, Do what you know<br>Héctor Palacio, Condition Monitoring Systems Specialist, Héctor Palacio                                   |
| 12:00 - 13:00 | Lunch Exhibition   |  |   |  |   |
| 13:00 - 13:45 | 1S8: Online condition monitoring on overhead cranes<br>Stijn Droessaert, Support Manager Crane Maintenance, ArcelorMittal  | 2S8a: Case Study: Vibration analysis of bearing faults in RCPH-2 pumps<br>Rao Vamsidhar, Assistant General Manager, Visakhapatnam Steel Plant                            | 2S8b: Case Study: Single shot balancing saves time and power<br>Rao Vamsidhar, Assistant General Manager, Visakhapatnam Steel Plant   | 3S9: Rotor balancing and influence coefficient analysis<br>Stanley Bognatz, President, M&B Engineered Solutions, Inc.  | 4S9: Case Study: Combining advanced vibration analysis techniques with Finite Element Analysis<br>Geert van Rijswijk, Technical Manager, Van Geffen Allround Machine Support B.V. |
| 14:00 - 14:45 | 1S9a: Test your skills: Interactive diagnostic challenge session<br>Dean Whittle, Managing Director, Reliability Maintenance Solutions Ltd   | 2S9a: Offline monitoring several years then successful root cause analysis by phase measurement<br>Jean-Luc Pierrieau, Technical Application Engineer, Schaeffler France | 2S9b: Online monitoring could be usefull to see variable conditions and do root cause analysis<br>Jean-Luc Pierrieau, Technical Application Engineer, Schaeffler France   | 3S10: Vibration analysis of alignment problems regarding closed coupled generator sets<br>Marc Böhning, Application & Product Support Engineer, Zeppelin Power Systems GmbH & Co. KG | 4S10: How vibration analysts can take advantages of modern expert systems?<br>Johann Loesl, International Business Development Manager, ACOEM                                     |
| 14:45 - 15:00 | Afternoon Coffee and Tea in Foyer  |  |   |  |   |
| 15:00 - 15:45 | 1S9b: cont'd. Test your skills: Interactive diagnostic challenge session<br>Dean Whittle, Managing Director, Reliability Maintenance Solutions Ltd   | 2S10: Case Study:An investigation into the source of vibration of a 20 MW Turbo Alternator<br>John Sykes, Training Manager and Technical Authority, AVT Reliability      | 3S11: Effect of load change on the vibration spectra and timewave form of planetary gears<br>Ibrahim H Caglayan, General Manager, VibraTek Eng Co Ltd<br>Gungor Aydin, Preventive Maintenance Chief, Denizli Cement | 4S11a: Fault detection under medium and low rotational speed<br>Carina Freitas, Research Engineer, Siemens Industry Software   | 4S11b: Case Study: Blade vibration monitoring<br>Rik Geerdink, Senior Expert Vibrations, Advituro   |
| 15:45 - 17:15 | Interactive Forum / Closing / Giveaways  |  |   |  |   |