









## WEDNESDAY OCTOBER 25<sup>TH</sup> 2023







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### OPENING KEYNOTES

09:00	<b>Asset Performance and Predictive Maintenance Market Trends</b> <i>Knud Lasse Lueth, CEO at IoT Analytics</i> 			
09:30	<b>Practical application of smart maintenance at Takeda</b> <i>Giovanni Seggio, Head of Maintenance at Takeda Lessines</i> 			
10:00	<b>The winding road to preventive maintenance on mobility products</b> <i>Matthias Tytgat, Manager and Service Owner Real Time Monitoring at Volvo Trucks</i> 			
10:30	Coffee break			
	<b>TRACK 1.1</b>	<b>TRACK 1.2</b>	<b>TRACK 1.3</b>	<b>TRACK 1.4</b>
	<b>HUMAN-CENTRIC DIGITAL TRANSFORMATION</b>	<b>CONDITION MONITORING TECHNIQUES &amp; TOOLS FOR ASSET HEALTH ASSESSMENT &amp; ASSET DEGRADATION PREDICTION</b>	<b>ASSET MANAGEMENT 5.0</b>	<b>ASSET PERFORMANCE 4.0 AWARD PRESENTATIONS</b>
11:00	<b>Natural Language Processing and AI in Manufacturing: from hype to reality</b> <i>David Ariens, Manager Analytics at Aveva Select Benelux</i>	<b>Noise-robust acoustic condition monitoring</b> <i>Albermar Dominguez, Data Scientist at I-care</i> <i>Kerem Eryilmaz, Research Engineer at Flanders Make</i>	<b>Asset Management amidst Industry 5.0</b> <i>Jan Stoker, Senior Lecturer &amp; Researcher at SSAMM</i>	<b>11:00 VR 3D Crane Simulator for qualitative crane operator training</b> <i>Lies Casier, Support manager Progress Academy</i> 
		RESEARCH		<b>11:30 Case Beaulieu</b>
11:45	<b>How to build a Human-Centric World Class Maintenance Organization on SAP</b> <i>Tim Faulkner, Vice President Sales, EMEA at sigga Technologies</i> <i>Ty Levine, Vice President, Global Marketing at Sigga Technologies</i>	<b>Multi-view Contextual Performance Profiling in Rotating Machinery</b> <i>Tom Rombouts, 4.0 Director at I-care</i> <i>Elena Tsiporkova, Head of EluciDATA Lab at Sirris</i>	<b>Aligning Business Outcomes and Asset Management Initiatives</b> <i>Paul Casto, APM Industry Principal at GE Digital</i>	<b>12:00 Proactive detection of water leakages thanks to sensors</b> <i>Cindy Vermeire, the Director of Distribution and Supply, Sponsor of Leakie programme</i> <i>Filip Vancoillie, Head of Asset Management, Leakie programme manager</i> 
12:30	Lunch break			
13:30	<b>Why digital maintenance transformations often are failing!</b> <i>Pieter Van Camp, CCO at I-care</i>	<b>The value of continuous monitoring of flanges, pipes and steam traps with LOCTITE Pulse</b> <i>Jan Van Put, Regional Business Development Manager MRO4.0 at Henkel</i> <i>Philipp Esser, Business Development Manager at Henkel AG &amp; Co. KGaA</i>	<b>Quantifying the business case for Asset Management</b> <i>John Woodhouse, CEO at The Woodhouse Partnership Ltd</i>	<b>13:30 Unleashing Digital Transformation Potential in Dubai's Waste Management Revolution: From Waste to Sustainable Solutions</b> <i>Ata Aboshi, Senior Treatment Systems Projects Engineer in Waste Operations Department</i> 
				<b>14:00 Critical Pumps Live Performance SEIQ Dashboard</b> <i>Nezar Ba-Aqeel, Reliability Engineer</i> <i>Samil Alshaibani, Reliability Unit Supervisor</i> 
14:15	<b>Maintenance technician of the future - Understanding the 4 D's</b> <i>Mark Haarman, Managing Partner at Mainnovation</i>	<b>Development of predictive models &amp; monitoring of Steam Systems: Case Utility Support Group at Chemelot</b> <i>Peter Bosmans, Technology Manager at Sitech</i>	<b>Maximizing asset business value by optimising maintenance strategies: Case LNG carrier conversion into a Floating Storage and Regassification Unit (FSRU)</b> <i>Simon van Bente, Owner &amp; Reliability Engineering Consultant at NRS Consulting</i>	<b>14:30 Maintenance transformation - increase labour productivity and reduce maintenance costs</b> <i>Branislav Kysel', PhD., Process Manager Maintenance Reliability</i> <i>Juraj Valent, Process Maintenance Manager</i> 
15:00	Coffee break			

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	TRACK 1.1 HUMAN-CENTRIC DIGITAL TRANSFORMATION	TRACK 1.2 CONDITION MONITORING TECHNIQUES & TOOLS FOR ASSET HEALTH ASSESSMENT & ASSET DEGRADATION PREDICTION	TRACK 1.3 ASSET MANAGEMENT 5.0	TRACK 1.4 ASSET PERFORMANCE 4.0 AWARD PRESENTATIONS
15:30	<b>How to save and transfer expert knowledge in machine service?</b> <i>Sina Kämmerling, CEO &amp; Co-founder of FINDIQ GmbH</i>	<b>Ignite Collaboration through Real-time Predictions! - Case Cosun</b> <i>Peter Van Dam, Programme Manager Smart Operations at Cosun Beet Company &amp; Cosun</i> <i>Robin Kobesen, Innovation Manager Smart Operations at Cosun</i>	<b>End-of-life Decision-Making: A Practical Approach</b> <i>Arnoud Hogendoorn, Maintenance Engineer at Waterschap Hollandse Delta</i> + <i>Matthijs Meijer, Asset Management Professional at IES Asset Management</i>	<b>15:30 L.i.F.T plan - VIA project track</b> <i>Martijn Cuyx, Innovation Manager</i>
				
	CASE	CASE	CASE	
16:15	<b>Supporting the Field Worker: using operations data to improve Asset Performance: Case indoor farming</b> <i>Emiel Verbunt, Manager Asset Management &amp; Maintenance at Plantlab</i> <i>Jules Oudmans, Director at UReason</i>	<b>Look forward: internal corrosion monitoring for central heating and cooling systems with water</b> <i>Karl Willemen, Founder &amp; MD at Resus</i> + <i>Ivan Verhaert, Professor at EMIB, University of Antwerp</i>	<b>Defining the right asset strategy with SAP ASPM</b> <i>Johan Bryssinck, Executive Manager at Dimensys</i> + <i>Pieter Dings, SAP EAM Consultant at Dimensys</i>	<b>16:00 DigitalWater Meter - Meter Data Management Platform</b> <i>Ann Vylidersann, Chief Support Officer</i> <i>Hans Smeuninx, Asset Manager at Water-link</i>
				
	CASE	RESEARCH		
17:00	<i>Reception</i>			
18:00	<i>Keynote</i> <b>Coming soon</b>			
18:50	<b>Asset Performance 4.0 Award Show</b>			
19:30	<i>Walking Dinner</i>			






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	TRACK 2.1 APPROACHES AND IMPLEMENTATION METHODS FOR RELIABILITY & MAINTENANCE 5.0 STRATEGIES	TRACK 2.2 DIGITAL TWINS	TRACK 2.3 ESG & SUSTAINABILITY OPTIMISATION & REPORTING	TRACK 2.4 MOTOR SYSTEMS IN INDUSTRY 5.0	TRACK 2.9 WORKSHOPS
09:00	<b>Reliability 5.0 in the particle board industry: case Unilin Panels</b> <i>Nelson Matthys, CEO at Versasense</i> <i>Simon Beernaert, Reliability Manager Chipboards at Unilin</i> 	<b>Predictive without data - How is the digital twin revolutionizing maintenance?</b> <i>Florian Stark, Sales &amp; Business Development at Industrial Analytics IA GmbH</i>	<b>Operations, Sustainability and ESG Reporting</b> <i>Sven Strassburg, Principal Solution Architect Sustainability Software at IBM</i>	<b>Motorbox: a powerful tool to simplify energy audit of motor-driven systems</b> <i>Abdessalim Arras, Engineer at EDF</i>	<b>Do not end up in the Swamp of Swallowed Digitalization Projects!</b> <i>David Ariens, Manager Analytics at AVEVA Select Benelux</i> <i>Omar Thiam, Sales Manager at AVEVA Select Benelux</i>
09:45	<b>Monitoring of Assets with variable behaviors and process conditions – Overview of methods and practical applications</b> <i>Christian Reinbrecht, Trainer Vibration Analysis at ibaAG</i>	<b>Data Space for Manufacturing &amp; Maintenance: the Sm4rtenance project + Case Ijssel Technologie</b> <i>John Deken, Lead Engineer Systems and Integration at Ijssel Technology</i> <i>Matthijs Punter, Senior Researcher at TNO</i> 	<b>The journey from asset data capturing to Energy optimization: Case Global Food Company</b> <i>Wybren van der Meer, Senior Consultant at AG Solution</i>	<b>How Electrical Signature Analysis Transforms Rotating Assets into Smart, Context-Aware Machines (and why it is an essential component of the factory of the future)</b> <i>Simon Jagers, Founder at Samotics</i>	
10:30	<i>Coffee break</i>				
11:00	<b>Combining Route-based Condition Monitoring and IIoT for Asset Condition Management: Case APM Terminals</b> <i>Oussama Lemma, Global CBM/PdM Lead at APM</i> <i>Brahim El Asri, Corporate Oil Analysis Engineer at APM Terminals</i> 	<b>Leveraging Digital Twins &amp; Cloud Computing: Case optimization of Wind Turbine Performance at Vleemo</b> <i>Thomas Timmerman, Project Engineer at Vleemo</i> <i>Frederik Van Leeckwyck, Business Development Director at Factry</i> 	<b>How to achieve net positive sustainable business processes by implementing sustainable AI?</b> <i>Yarne De Munck, CEO at PolySense</i>	<b>Challenges related to the increased electrification and advanced monitoring of electrical industrial assets</b> <i>Frits Petit, Expert Vibrations &amp; Mechanics at Laborelec</i> <i>Olivier Antoine, Delivery Lead - Power Networks &amp; Industry at Laborelec</i>	<b>AI powered Asset Performance Management (APM) workshop for sustainable operations: The visual inspection use case</b> <i>Han van Gerwen, Technical Specialist Asset Management at IBM</i> <i>Sven Strassburg, Principal Solution Architect Sustainability Software at IBM</i>
11:45	<b>Creating value at bottomline by implementing the Maintenance and Reliability journey: Case La Lorraine Bakery Group</b> <i>Jan Sinnaeve, Group Director Technical Services &amp; HSE at La Lorraine Bakery Group</i> 	<b>Digital Factory - Maintenance with virtual tours, indoor navigation and real-time data</b> <i>Tobias Schlereth, Head of Asset Operations at osapiens AssetOps GmbH</i> <i>Katelijne Van Renterghem, Sales Director at osapiens Services GmbH</i>	<b>Framework and quantitative measurement models to manage cleaning of industrial equipment on basis of KPI's CO2 emission, Water waste and Circularity</b> <i>Hans Borgt, Global Technology Associate Industrial Cleaning at Dow</i> <i>Albert Repko, Asset Management Researcher at HZ University of Applied Sciences</i> 	<b>Moving the Needle Forward: Predictive Maintenance for Rotating Machinery</b> <i>Jan Mertens, Product Director at relayr</i>	
12:30	<i>Lunch break</i>				

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	TRACK 2.5 APPROACHES & IMPLEMENTATION METHODS FOR PREDICTIVE & PRESCRIPTIVE MAINTENANCE	TRACK 2.6 ARTIFICIAL INTELLIGENCE SYSTEMS & ALGORITHMS	TRACK 2.7 SMART & SUSTAINABLE LUBRICATION	TRACK 2.8 ENERGY MONITORING, REPORTING AND OPTIMISATION	TRACK 2.9 WORKSHOPS
13:30	<b>Key insights in Maintenance Digitalization based on PwC's 2023 survey results</b> <i>Koen Van Kerckhoven, Manager Strategy &amp; Operations at PwC</i> <i>Annemieke Moerkerken, Director at PwC Nederland</i>	<b>Data-Centric, Physics-Based and Hybrid Frameworks for Asset Prognostics and Health Management in Industry 4.0 Factories</b> <i>Pradeep Kundu, Assistant Professor at KU Leuven</i>	<b>Added value strategies for digitalised lubrication</b> <i>Guillermo Miró, Applications Engineer at Atten2 Advanced Monitoring Technologies</i>	<b>Improving furnace efficiency with fiber optic technology - case Aperam</b> <i>Thomas Van Hoestenbergh, CEO at Fluves</i> 	<b>Discover the value of your CMMS data (Bring your own data)</b> <i>Albermar Dominguez, Data Scientist at I-care</i> <i>Damien Vercammen, 4.0 Director at I-care</i> <i>Tom Rombouts, 4.0 Director at I-care</i> <i>Vincent Leprince, 4.0 Engineer at I-care</i>
		RESEARCH		CASE	
14:15	<b>Lessons learned from a journey to Predictive Maintenance: Case ZF Wind Power</b> <i>Jan Van Nylen, Department Head Operational Digitalization at ZF Wind Power</i> 	<b>Building and validating an explainable anomaly detection system without ground truth: case drivetrain failures of wind turbines</b> <i>Robbert Verbeke, Data Scientist at Sirris</i>	<b>Ultrasound-guided Lubrication – what's next?</b> <i>Haris Trobradovic, Area Sales &amp; Training Manager at SDT International</i> <i>Wojciech Majka, President &amp; CEO at Ecol Sp. Z o.o. &amp; Ecol North America LLC</i>	<b>Automated control of heat energy distribution in industrial processes with data based Reinforcement Learning</b> <i>Gilles Depypere, Lab Manager at Howest STAR Lab</i>	
	CASE	RESEARCH			
15:00	Coffee break				
15:30	<b>Realizing the Full Potential of Predictive Maintenance Programs</b> <i>Raz Roditti, Co-Founder and CEO at Razor Labs</i>	<b>Open source solution for 3D data visualisation</b> <i>Hewie Van Ranst, Business Intelligence Engineer at JuPaMa SRC</i> 	<b>Turbine engineer dilemma: to clean disastrously polluted turbine oil system or to build the new one? Case study on 1000MWe NPP steam turbine</b> <i>Tomas Klima, General Manager at Ecol Industrial</i> <i>Wojciech Majka, President &amp; CEO at Ecol Sp. Z o.o. &amp; Ecol North America LLC</i>	<b>Leveraging the flexibility of your (power) assets to lower your energy cost</b> <i>Robbe Sneyders, Principal ML Engineer at ML6</i>	<b>Siemens Intelligent Service and Asset Lifecycle Management - Leveraging Model-Based RAMS Methodologies</b> <i>Jishnu Jayaram, Application Engineer at Siemens Digital Industry Software</i> <i>Stefan Dutré, Senior Product Manager Model Based RAMS Solution at Siemens Digital Industries Software</i> <i>Torsten Beste, Vice President of Service &amp; Asset Lifecycle Management at Siemens Digital Industries Software</i> <i>Zakaria Bachir, RAMS specialist at Siemens Digital Industries Software</i>
		CASE			
16:15	<b>Collective intelligence at the service of operational excellence: Case OCP</b> <i>Abdenour Jbili, CEO at OCP Maintenance Solutions</i> <i>Nada Benazzouz, Head of Training &amp; Consulting at OCP Maintenance Solutions</i> 	<b>How to use AI to discover real anomalies and prevent false positives: Case Cleanroom Maintenance</b> <i>Geert Vromman, CEO at CROPLAND</i> <i>Jo Nelissen, CEO &amp; Founder at ABN Cleanroom Technology</i> 	<b>How to optimize lubrication plans on an individual bearing basis</b> <i>Maxime Limbourg, RCL Director Europe South at I-care</i> <i>Tom Rombouts, 4.0 Director at I-care</i>	<b>Pump operational and energy intelligent, edge based tracking and improvement in real time and its impact to increase asset performance and lifetime</b> <i>Artur Hanc, CEO at Elmodis sp.z.o.o.</i> <i>Marcin Swiech, CTO at Elmodis sp.z.o.o.</i>	
	CASE	CASE			
17:00	End				