

# PROGRAM

Monday 27. 13.00-15.00	<b>Control Systems AI / Data Analytics (with PIMA)</b> <b>Seyhan Nuyan &amp; Mariana Sandin</b>
	Encoding the SME: AI for Accelerated Learning in Complex Operations Philip Pearce, SEEQ
	TBD
	Agentic AI's impact to Operating Models Michael Vasicek, Kyndryl
Monday 27. 16.00-17.30	<b>Enhancing Pulp and Paper Mill Operations: Integrating Automation and Data Analytics within the PDCA Framework</b> Teemu Moykkyla, Trimble
	<b>Mill Automation (with P&amp;B) [Dewatering and Moisture Measurement]</b> <b>Shih-Chin Chen &amp; Rick Wasson</b>
	Adaptive Vacuum Control for Optimized Felt Dewatering Vesa Hyppönen, Valmet Technologies, Inc.
	Closed-Loop Vacuum Control in Papermaking: A Data-Driven Approach to Wet End Optimization Luca Canali, S.A Giuseppe Cristini S.p.A
Tuesday 28. 08:00-10.00	<b>Enhanced Paper Machine Controls and Process Optimization with LWIR Cameras</b> Slawek Frackowiak, Industrial Video Solutions
	<b>Pulp Mill Operations (PC &amp; Pulp Production)</b> <b>Kimmo Koivula &amp; Antonio Suarez</b>
	Implementation of Dissolving Tank Total Titratable Alkali (TTA) Feedforward Control using Vent Stack Temperature Wei Ren, FPIInnovations
	Control of continuous digester kappa number using generalized model predictive control Wesley Gilbert, FPIInnovations
Tuesday 28. 10.00-11.30	<b>Optimal Control by Multidimensional Path-Finding to Reach Sweet Spots in Pulp Mills</b> Håkan Fridén, IVL Swedish Environmental Research Institute
	<b>Process Control General</b> <b>Kerr Figiel</b>
	Beyond Retuning: A Disciplined and Lightweight Program for Sustained Control Loop Health Ian Journeaux, Envoy Development, LLC
	The Autonomous Mill: Utilizing Digital Twins to Optimize the Pulp & Paper Mill of the Future Brad Carlberg, BSC Engineering
Tuesday 28. 13.30-15.00	Increasing Stability with Adaptive Parabolic Algorithm Control Douglas McCallum, McCallum Value Partners
	<b>PM Measurement &amp; Control</b> <b>Michael Forbes</b>
	Paper Color Control: Adaptive Modeling and Predictive Strategies for Optimality and Robustness Calvin Fu, Valmet

	<b>Towards Process Excellence: Advanced Optimization of Grade Change Operations in Paper Manufacturing</b> Abhay Anand, ABB Limited
	<b>Cell Configurations in the Interactive ANOVA Model to Identify Two-Dimensional Patterns in Reel Data</b> Kerry Figiel, OnCareDA
<b>Tuesday 28. 16.00-17.30</b>	<b>Measurement Correlations</b> Lu Athnos, co-chair TBD
	<b>Caliper Dynamic Correlation – Single Point Method (TIP 1101-10)</b> Mike Butynski, ABB
	<b>Correlation Between Green Liquor TTA and Density and its Influence on Dissolving Tank Control</b> Thanh Trung, FITNIR, A Voith Company
	<b>A Fresh Look at Online-to-Offline Measurement Correlation from a Soft Sensor Perspective</b> Shih-Chin Chen, Retired (formerly with ABB, Inc.)
<b>Wednesd.29. 10.00-12.00</b>	<b>Operator Training &amp; Interface Experience (with PIMA)</b> Katarina Bodor & Mariana Sandin
	<b>When Realism Meets ROI: The Art of Selecting the Correct Fidelity for an Operator Training System</b> Drew Habel, Jedson Engineering
	<b>The Control-Room Co-Pilot: Deploying an AI Assistant That Explains, Watches, and Suggests—Without Taking the Joystick</b> Gordon Jones, Envoy Development, LLC
	<b>Grade Change Performance Assessment Through Digital, Persona-Centric Dashboards</b> Naveen Bhutani, ABB
	<b>Preventing Console Overload</b> David Strobhar, Beville Engineering Inc.
<b>Wednesd.29. 13.00-15.00</b>	<b>Cybersecurity, Safety, and Machine Vision Applications</b> Brian Mock
	<b>Old Machines, New Threats; Can Cyber Hygiene Modernize Paper Mill Security</b> Sourav Kunal, ABB Limited
	<b>New Improved Quality Inspection for Food and Liquid Packaging Board - Innovative Use of 3D Detection for Inspecting Indents and Outdents and UV- Technology for Reliable Inspection of Oil</b> Alex Poltorak, Procemex Inc
	<b>AI-Driven Computer Vision Framework for Compositional Classification and Quality Assessment of Recovered Paper</b> Mariangeles Salas, North Carolina State University
	<b>Bridging Safety and Process Control: AI Enabled Real-Time Pinch Zone Hazard Mitigation</b> Matthew Goethel, Detect Technologies USA Inc



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