

**8<sup>th</sup>** TUE **▶** **10<sup>th</sup>** THU 09:00  
 16:30

**OCTOBER 2024**

**TOSEI THAILAND**  
**Amata City Chonburi**

**HIGHLIGHT**

Latest Measuring Technology



Special Seminar by

Inspiration

Guest Speaker

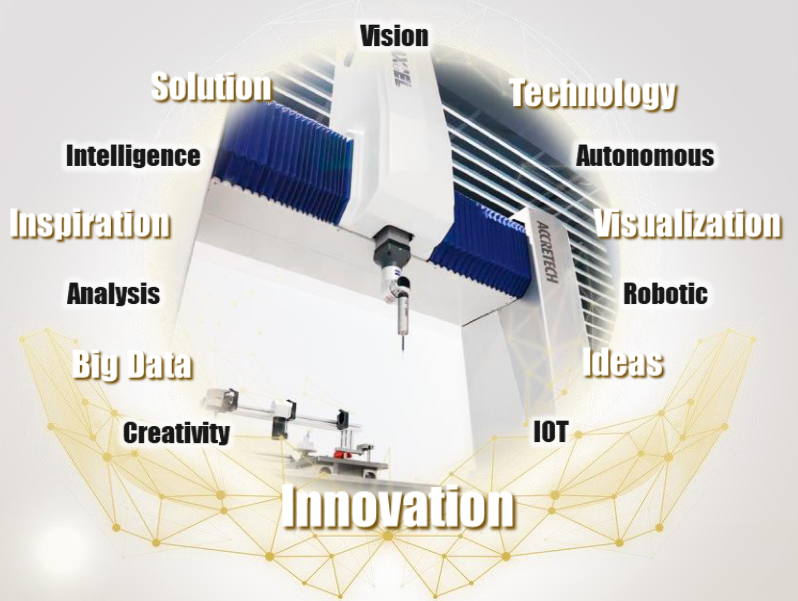


Productivity, OEE

Improvement Idea



Activities and Lucky draw



今回の「ACCRETECHプライベートショー2024」では、昨今タイ国内で課題にあがる、省人化、IoT等様々な課題の手助けになるような最適ソリューションを提案するイベントとなっております。また今年も、ACCRETECHグループの一員であるTOSEI (Thailand) Co., Ltd.がタイでサービスを提供して20周年を迎える特別なショーでもあります。今年もパートナー各社に協力いただき、みなさまに新たな発見を頂ける場を準備しております。この特別な機会に、ぜひ足をお運びください！

祝 20 周年カンパイ！



設備総合効率（OEE）を高める改善コンセプトをイメージして実際の生産現場に見立てた展示を準備しています。また特別ゲストによる講演などさまざまな無料のセミナーにご参加いただけます。



REGISTRATION

Scan QR Code for register

Available until 27 September 2024



Cooperation Partner



Supported by Government Institute

**SEMINAR SCHEDULE**

		08 OCT (TUE)		09 OCT (WED)		10 OCT (THU)	
		ROOM1	ROOM2	ROOM1	ROOM2	ROOM1	ROOM2
AM		<b>A1</b> Digital Transformation 09:30-11:00	<b>C1</b> Smart Manufacturing & Sustainability 10:30-12:00	<b>E1</b> Surface Roughness 09:30-11:00	<b>G1</b> Digital Transformation & AI 09:30-11:30	<b>B2</b> GD&T 09:30-13:00	<b>J1</b> 驚愕! 測定手法で、人件費が半分以下になる!? 09:30-10:30
							<b>K1</b> Overall Equipment Effectiveness (OEE) 11:00-12:00
PM		<b>B1</b> GD&T 12:30-16:00	<b>D1</b> Industrial Transformation For Digitalizing & Decarbonizing 13:30-15:30	<b>F1</b> Statistical process control (SPC) 12:30-16:00	<b>H1</b> Measurement System Analysis (MSA) 13:30-15:30	<b>I1</b> Smart Grinding Process 14:30-16:00	<b>L1</b> Smart Manufacturing & Smart Factory 13:30-15:30

Remark : We reserve the right to seminars participation for end user only

Cooperation Partner



Supported by Government Institute

**SEMINAR COURSE (1/4)**

Topic	Speaker	Code
<p><b>1 Digital Transformation to Industry 4.0</b></p> <p>The background of Industry 4.0 and to improve production to upgrade the industry to Industry 4.0 , Including tools to improve product line development for cost-effective investment and bring your organization to sustainable Digital Transformation to Industry 4.0. The factory availability monitoring platform is based on the industry readiness level 4.0 (Thailand i4.0 Index)</p> <p>Seminar will be conducted in Thai</p>	  ▶ Pornprom Ateetanan Ph.D.	<b>A1</b>
<p><b>2 Fundamental for Geometric Dimension &amp; Tolerance (GD&amp;T)</b></p> <p>Fundamentals of the meaning and methods of measuring workpieces, together with summarizing the main points of each symbol Geometric Dimensioning and Tolerancing (GD&amp;T).</p> <p>Seminar will be conducted in Thai</p>	 ▶ Lisa Phaengchantuek	<b>B1 B2</b>
<p><b>3 SMART Manufacturing and Sustainability: Innovating for the Future</b></p> <p>A solution with the concept of helping initiate and develop a comprehensive growth-oriented production system by integrating production and IT systems, enabling real-time data connectivity at all levels, leading to efficiency improvements from the production process to the supply chain. It involves enhancing efficiency through the use of AI software, reducing energy consumption, as well as short-term and long-term production cost reductions. This approach increases opportunities and competitiveness, responds to green industry trends, and moves towards becoming a smart factory under the e-F@ctory concept.</p> <p>Seminar will be conducted in Thai</p>	 ▶ Bovon Thiansawat	<b>C1</b>

Remark : We reserve the right to seminars participation for end user only

Cooperation Partner



Supported by Government Institute

**SEMINAR COURSE (2/4)**

Topic	Speaker	Code
<p><b>4 Driving forward an Industrial Transformation For Digitalizing &amp; Decarbonizing</b></p> <ul style="list-style-type: none"> <li>• SA-SI Integration to improve manufacturing with technology</li> <li>• Roadmap and Solutions to transform an industry to smart factory</li> <li>• GHG measure in Thailand: TVER-CFP-CFO</li> <li>• Carbon dioxide reduction with industrial transformation (OT/IT/OT-IT connectivity)</li> <li>• Technology solutions to reduce carbon dioxide emission</li> </ul> <p>Seminar will be conducted in Thai</p>	 <p>► Paiboon Limpitipanich, Ph.D.</p>	<b>D1</b>
<p><b>5 Fundamentals of basic surface roughness</b></p> <p>Basic introduction to the characteristics of surface roughness. Including the selection of the standard year of measurement conditions. for proper application and can adjust settings various parameters of surface roughness measuring instruments in order to get the most accurate measurement values.</p> <p>Seminar will be conducted in Thai</p>	 <p>► Somjai Budsadee</p>	<b>E1</b>
<p><b>6 Statistical process control, SPC</b></p> <ul style="list-style-type: none"> <li>• Reading process control charts and interpretations</li> <li>• Capacity analysis of manufacturing processes</li> <li>• Operation training</li> </ul> <p>Seminar will be conducted in Thai</p>	 <p>► Wissarut Kongsakul</p>	<b>F1</b>

Remark : We reserve the right to seminars participation for end user only

Cooperation Partner



Supported by Government Institute

**SEMINAR COURSE (3/4)**

Topic	Speaker	Code
<p><b>7 Introduction to Digital Transformation and Artificial Intelligence</b></p> <ul style="list-style-type: none"> <li>Digital Transformation and Industry 4.0</li> <li>introduce the operation of an artificial intelligence system</li> <li>Machine Learning</li> <li>The algorithm of the machine learning process</li> <li>The application of artificial intelligence to help analyze data in industrial work</li> </ul> <p>Seminar will be conducted in Thai</p>	 King Mongkut's University of Technology Thonburi  ▶ Dr.-Ing. Chettapong Janya-anurak	<b>G1</b>
<p><b>8 Measurement System Analysis (MSA)</b></p> <ul style="list-style-type: none"> <li>Fundamentals of measurement systems</li> <li>Basic statistics and control chart creation</li> <li>Understanding of variation</li> <li>Procedure of Measurement System Analysis</li> <li>Position variation                             <ul style="list-style-type: none"> <li>- %Bias of measuring system analysis</li> <li>- %Stability of measuring system analysis</li> <li>- %Linearity of measuring system analysis</li> </ul> </li> <li>Width variation                             <ul style="list-style-type: none"> <li>- Gauge Repeatability and Reproducibility GR&amp;R</li> </ul> </li> </ul> <p>Seminar will be conducted in Thai</p>	 King Mongkut's University of Technology Thonburi  ▶ Assist. Prof. Dr.Cherdpong Jomdecha	<b>H1</b>

Remark : We reserve the right to seminars participation for end user only

Cooperation Partner



Supported by Government Institute



**SEMINAR COURSE (4/4)**

Topic	Speaker	Code
<p><b>9 How to improve part quality in Grinding process</b></p> <p>Regarding to high competition at the present, This makes it necessary for every company to improve their efficiency with good quality. This course will suggest improvement ideas and success case study in various grinding process to enhance your work quality.</p> <p>Seminar will be conducted in Thai</p>	<p>► Thun Leewisuttikul</p>	<b>I1</b>
<p><b>10 驚愕! 測定手法で、人件費が半分以下になる!?</b></p> <p>測定機の機能をフルに活用する事で可能な、コスト削減につながる測定手法をご紹介します。</p> <p>Seminar will be conducted in Japanese</p>	<p>► Asano Shusuke ► Hitomi Shota</p>	<b>J1</b>
<p><b>11 How to improve OEE (Overall Equipment Effectiveness) in metal machining process</b></p> <p>OEE (Overall Equipment Effectiveness) is famous production efficiency indicator. This course included introduction of OEE and provide ideas to improvement OEE for Metal machining process (Machining, Turning, Grinding) to upgrade your production.</p> <p>Seminar will be conducted in Thai</p>	<p>► Nattawat Imsuksri</p>	<b>K1</b>
<p><b>12 Smart Manufacturing and Smart Factory</b></p> <ul style="list-style-type: none"> <li>• Development Roadmap to 4.0 industry</li> <li>• Automatic manufacturing technology and proper application</li> <li>• The simulation usage and finding the best results in the manufacturing process</li> <li>• Analysis and judgment by the data in each manufacturing level</li> </ul> <p>Seminar will be conducted in Thai</p>	<p>► Thanongsak Thepsonthi, Ph.D.</p>	<b>L1</b>

Remark : We reserve the right to seminars participation for end user only

Cooperation Partner



Supported by Government Institute