

## **FMM FACTORY AUTOMATION CONFERENCE 2013**

### ***Automating the SMEs for Productivity Enhancement and Workforce Optimisation***

Tuesday & Wednesday, October 29 & 30, 2013 • Concorde Hotel Shah Alam

#### **PROGRAMME**

#### **Tuesday, October 29 (Day 1)**

8.00 am Registration of participants / Company Demo Station Visits / Networking Breakfast

9.00 am **Welcome Remarks**  
*YM Raja Dato' Abd Aziz bin Raja Muda Musa*  
*FMM Vice President and Chairman, FMM Customs Committee*

9.15 am **Opening Keynote Address:**  
**Towards an Advanced Manufacturing Industry**  
*YBhg Datuk Phang Ah Tong*  
*Deputy CEO II, Malaysian Industrial Development Authority (MIDA)*

9.45 am **Dialogue Session with YBhg Datuk Phang Ah Tong, Deputy CEO II of MIDA**  
**Factory Automation – Trends, Outlook and Benefits**

10.00 am **Factory Automation in Malaysia - Trends and Outlook**  
Question & Answer  
*Mr. Tiong Khe Hock*  
*President, Malaysia Automation Technology Association (MATA)*

10.40 am **Why SMEs Need to Automate**  
Question & Answer  
*En. Mohd Rithauden Makip*  
*Director of Business Advisory and Services, SME Corporation Malaysia*

11.15 am Networking Coffee Break / Company Demo Station Visits  
**Key Success Factors in Factory Automation**

11.30 am **How to Implement an Automation Project Successfully**

- Requirement study
- Understanding the manufacturing process
- Technical skills requirements
- Planning, implementation and auditing

Question & Answer  
*Mr. Chua Kee Moh*  
*Director, Bistanika Sdn Bhd*

Day 1 continued

12.30 pm Networking Lunch / Company Demo Station Visits

**Key Success Factors in Factory Automation** (Continued)

1.30 pm **Successful Factory Automation – Case Studies**

Question & Answer

- *Mr. Chu Chee Seng*  
*Managing Director, Vepro Group Sdn Bhd*
- *Mr. Ng Swee Min*  
*Sales Manager, Festo Sdn Bhd*

**Automation IT**

2.30 pm **Digital Manufacturing – Prevention Is Better Than Cure**

Question & Answer

*Ms. Emily Kow*  
*Product Manager, MAWEA Industries Sdn Bhd*

3.00 pm **Wireless Technologies and Solutions in Factory and Industrial Automation**

Question & Answer

*Mr. Daniel Tay*  
*Managing Director, Beckoff Automation*

3.30 pm **Securing Your Data in Industrial Automation**

Question & Answer

*Mr. David Doggett*  
*Cyber Security Program Director, Schneider Electric*

4.00 pm Networking Coffee Break / Company Demo Station Visits

4.15 pm **Panel Discussion:  
Should Factories Invest in Automation During Economic Slowdown?**

Moderator:

*YBhg Dato' (Dr) Ir Andy K. H. Seo*  
*FMM Council Member*

Panellists:

- *Mr. Chua Kee Moh, Director, Bistanika Sdn Bhd*
- *Mr. Ng Swee Min, Sales Manager, Festo Sdn Bhd*
- *Mr. Edwin Haw, Director/General Manager, SMC Pneumatics(S.E.A.) Sdn Bhd*
- *Mr. Teoh Tuan Ka, Director, IME Technology*
- *YBhg Datuk Phang Ah Tong, Deputy CEO II, Malaysian Industrial Development Authority (MIDA)*

5.00 pm Conference Concludes (Day 1 of 2)

## **FMM FACTORY AUTOMATION CONFERENCE 2013**

### ***Automating the SMEs for Productivity Enhancement and Workforce Optimisation***

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#### **PROGRAMME \***

#### **Wednesday, October 30 (Day 2)**

8.00 am Registration of participants / Company Demo Station Visits / Networking Breakfast

#### **Low Cost / Cost Effective Automation**

9.00 am **Technologies for Low Cost Automation in Manufacturing**

Question & Answer

*Mr. Jeeven*

*Application Engineer, SMC Pneumatics (S.E.A.) Sdn Bhd*

9.30 am **Optimisation Through Automation**

Question & Answer

*Mr. Lai Yit Kean*

*Department Manager, Omron Electronics Sdn Bhd*

#### **Advanced Automation Technologies for SMEs**

10.00 am **Flexible Machining Cell and Robotic**

Question & Answer

*Mr. Steven Lim*

*Vice President, ABB Malaysia Sdn Bhd*

10.30 am **Automated Inspection For High Quality Assembly**

Question & Answer

*Mr. Teoh Tuan Ka*

*Director, IME Technology*

11.00 am Networking Coffee Break / Company Demo Station Visits

Day 2 continued

**Energy Conservation**

11.15 am **Green Design and Its Application**

Question & Answer

*Mr. Kristo Kenmart*

*Head of Industry Business, Schneider Electric*

11.45 am **Reducing the Electrical Costs: Case Study on Pneumatic Systems**

Question & Answer

*Mr. Kenny Chin*

*Technical Assistance Manager, SMC Pneumatics (S.E.A.) Sdn Bhd*

**Production Efficiency and Quality Control**

12.15 pm **Effective Layout to Enhance Productivity**

Question & Answer

*Mr. Ng Kheng Joo*

*Technical Director, Novetec Innovation Sdn Bhd*

12.45 pm Networking Lunch / Company Demo Station Visits

1.45 pm **Advanced Production Tracking to Enhance Factory Management**

Question & Answer

*Mr. Wong Foot Yow*

*Project Manager, Ecava Sdn Bhd*

2.15 pm **Non-Myopic Approach in Automation and Robotics Applications**

Question & Answer

*Dr. Tan Ching Seong*

*Director, Graduate Institute of Engineering, Multimedia University*

**Human Resource, Training and Safety**

2.45 pm **Enhance Human and Equipment Safety via Automation Devices**

Question & Answer

*Mr. Alan Lok*

*Product Manager/Product Trainer - Asia Pacific Region, ifm electronic Pte Ltd*

3.15 pm **Realise Full Benefits of Automation through Hands-on Training**

Question & Answer

*Mr. Lee Boon Teck*

*Managing Director, Pc Automation Sdn Bhd*

3.45 pm Networking Coffee Break / Company Demo Station Visits

Day 2 continued

**Financing for Factory Automation and Return of Investment**

4.00 pm **Government Support and Incentives**

Question & Answer

*En. Suhaimi bin Hamzah*

*Head of Fund Management Section, Planning Division*

*Minister of Science, Technology and Innovation, Malaysia (MOSTI)*

4.30 pm **Panel Discussion:  
Automation versus Foreign Workers – How to Maximise Your Return of  
Investment**

Moderator:

*Mr. John Lee*

*FMM Council Member*

Panellists:

- *Mr. Lai Yit Kean, Department Manager, Omron Electronics Sdn Bhd*
- *Mr. Ng Kheng Joo, Technical Director, Novetec Innovation Sdn Bhd*
- *Mr. Alan Lok, Product Manager/Product Trainer - Asia Pacific Region, ifm electronic Pte Ltd*
- *Mr. Lee Boon Teck, Managing Director, Pc Automation Sdn Bhd*
- *Ms. Norlia Anak Jawor, Senior Assistant Director of Labour, Foreign Workers Division, Department of Labour, Ministry of Human Resources, Malaysia*

5.00 pm Conference Concludes

*The organiser reserves the right to alter the content and timing of the programme in the best interests of the conference.*