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Steering Innovation For Future

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INTERNATIONAL ACADEMY | RWTH AACHEN UNIVERSITY

UNIVERSITY OF MALAYA
CRI4.0

# Your Pathway towards Future Manufacturing: Knowledge vs Technology

**Date : 4th October 2019**

**Venue: Johannesburg Room, Level 5, West Wing, Menara Matrade, Kuala Lumpur**

**Admission: FREE**

**In collaboration with:**

EEPN ELECTRICAL AND ELECTRONICS PRODUCTIVITY NEXUS | MPC | MATRADE

## Overview

The transformation into Industry 4.0 needs to be carried out phase by phase in adapting all nine components. However, upgrading the infrastructure alone will not be beneficial and evidently would create a barrier in the operations of the whole production floor. High-skilled workforce, who are competent in these new technologies are required. Existing employees with brushed-up new skillsets will be prominent in adapting Cyber Physical Production System (CPPS) therefore, it's essential that manufacturers take appropriate steps in aiding to enhance these employee's skillsets. As a pioneer in Industry 4.0, Germany has been at the forefront of change with regards to the adaptation of Industry 4.0. Knowledge transfer from RWTH Aachen University, Germany will definitely prove to be beneficial.

## Agenda

- 8:15 – 8:50 am: - Registration and breakfast
- 9:00 – 9:30 am: - Opening Speech by Assoc. Prof. Dr.-Ing. Narendra Kumar, Head of Center of Research Industry 4.0 (CRI4.0) (University of Malaya)
- 9:30 – 10:00 am: - Industry 4.0: Transformation & It's Challenges – RWTH Aachen University success stories by Dr.-Ing. Max Hoffmann
- 10:00 – 10:30 am: - Tea Break (Networking Session)
- 10:30 – 11:00 am: - Workforce Competencies vs Industry 4.0 Technology by Dr.-Ing. Max Hoffmann
- 11:00 – 11:45 am: - Sharing Session
  - Mr. Jonas (Panasonic, Malaysia)
  - Mr. Cheng (Elliance Sdn. Bhd.)
- 11:45 – 12:00 pm: - Question and Answer Session
- 12:00 – 12:15 pm :- Closing remarks by YBhg. Dato' Seri Wong Siew Hai (Chairman of Electrical & Electronics Productivity Nexus, Malaysia Productivity Corporation)
- 12:15 – 12:30 pm: - Hand over Souvenirs
- 12:30 – 2:30 pm: - Lunch (Networking Session)
- End of the event

## Objectives

- To emphasize on the importance of workforce competencies vs technology to move towards Digital Manufacturing
- To share on collaboration model of RWTH Aachen University – Steerix - University of Malaya to support local industries (university-industry collaboration strategy).

## Why Should You Attend

Learn about RWTH Aachen University's expert's strength and understand how companies can adapt their knowledge by helping employees to be competent to current industry technology and further contribute to company's productivity.

**To register:** https://forms.gle/KZV7J3HgwEN2ygbT8

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# Your Pathway towards Future Manufacturing: Knowledge vs Technology

## Key Speaker

### Dr.-Ing. Max Hoffmann, MBA

Is a Group Leader of Scientific Researcher for Industrial Big Data, RWTH Aachen University, Germany. He earned doctorate degree with distinction from RWTH Aachen University, Germany and he is a winner of the "Borchers-Badge 2018" from RWTH Aachen University for excellent scientific achievements. His contributions in Industry 4.0 projects are recognized and main contribution to the German industries, e.g. Porsche, Audi, VW, Aixtron, Daimler, Siemens, Bosch, Saint-Gobain, etc (automotive and semiconductor). He has published over 30 publications in Journals and conferences and Key Note speeches at various events. He has more than 10 years of experience in consultancy, in terms of digitization, data analytics and digital transformation. His expertise is in Industrial Big Data, Data Analytics, Information Integration, Ontologies and Semantic Data, Artificial Intelligence in distributed environments.

## Guest Speakers

**Mr. Cheng Boon Seng**, Co-Founder/ Executive Director, Elliance Sdn Bhd.
President, Malaysia Artificial Intelligence & Robotics Association
Chairman, Regional Industry 4.0 Expert Centre

**Mr. Jonas Jeyaraj Anthony,** Manufacturing and Quality Director, Chairman of Manufacturing Human Resource Development, Panasonic Malaysia

28 years of working experience in the manufacturing industry, in Semiconductors, Telecommunications and Home Appliances. His experience in this industry spans across R&D, QA, Production, Industrial Engineering, HR and managing a vast variety and multitude of cross functional projects.

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