

# Manufacturing Industry 4.0

## Overview:

The "Fourth Industrial Revolution 4.0", along with the "Industrial Internet of Things iloT" describes the transition of production work towards the Intelligent Factory. Experts agree that in the future, no manufacturing company competing at an international level can afford to ignore Industry 4.0 & iloT.

**2 July  
2019**

**VENUE : i3L campus**

**REGISTRATION FEE  
IDR 750.000,-**

**RSVP**

<http://bit.ly/i3LManufacturing>

**Info**

MARSIA

[industrial.workshop@i3l.ac.id](mailto:industrial.workshop@i3l.ac.id)

Manufacturing Execution Systems [MES] are the backbone for completely integrated and self-organized production in the age of Industry 4.0 & iloT. MES manages and facilitates a seamless flow of electronic information from corporate software [ERP] to/from the production floor, along with digital horizontal integration across all data objects. Central data management and decentralized intelligence, paired with real-time transparency, define the competitive Next-Generation Production.

Today, companies need to set a course for tomorrow and be ready for networked production. Using 'live' demonstrations, sharing game changing concepts and presentation from our experts, attendees can witness how MES can digitize and transform their manufacturing operations to achieve significant gains in efficiency, competitiveness and compliance.



## Facilitator : Daniel Lee

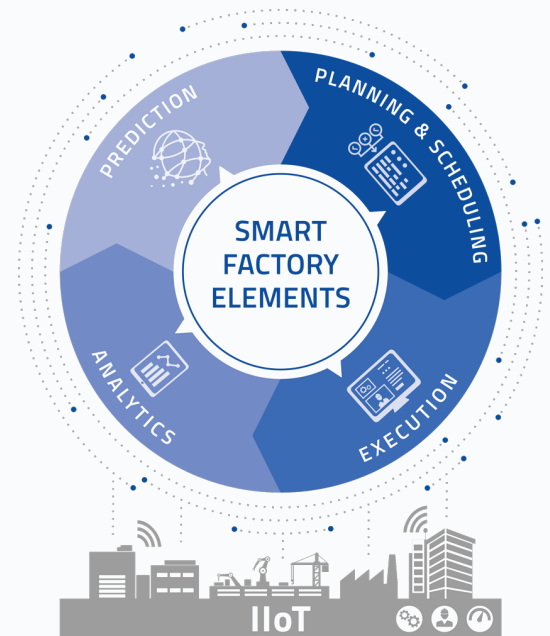
Daniel is the MES Lead Consultant of HGP Asia. He specialises in the areas of MES, Paperless Manufacturing and IT/OT Manufacturing Systems. Daniel is a regular speaker in the Pharma MES held in Singapore and in Pharma MES Berlin representing Asia in sharing his experience and knowledge in successfully implementing an MES systems. Daniel strives to share his experience across various industry verticals, positioning companies to implement cutting edge, effective Smart Manufacturing solutions for Industry 4.0”

## Speakers:

Expert speakers from MPDV and POMSnet

## Who should attend:

CEO, COO, CIO, Plant Manager, Head of Production,  
Head of Quality, Head of IT



## Highlights:

Our workshops will showcase the use of MES in industry with industry leading systems from US and Germany. Delegates will learn about how to optimize efficiency and effectiveness via real time information transparency to:

- Reduce WIP and control your material movement along the shop floor
- Improve job scheduling and shop floor planning of operations and staff
- Uncover major systematic wastages along the shop floor
- Get a firm grip on issues and stay in control through MES - process interaction to drive to zero errors
- Release batch by exception – speed up batch review [typically 20-30% reduction!]
- Reduce cost of compliance

# RUNDOWN

TIME		PIC
08:30 - 09:00	Registration	i3L
09:00 - 09:10	Welcome statement	i3L
09:10 - 09:40	Introduction of Manufacturing Operations Management [MOM]	HGP / POMS
09:40 - 10:10	Manufacturing Execution System (MES) in MOM	MPDV
10:10 - 10:30	Morning Break	All
10:30 - 11:00	Discrete vs. Process Manufacturing	HGP / POMS
11:00 - 12:30	MES in Discrete Manufacturing : An Example	MPDV
12:30 - 13:30	Lunch	All
13:30 - 15:00	MES in Process Manufacturing : An Example	HGP / POMS
15:00 - 16:00	Open Panel Discussion	All