



3RD ANNUAL

MANUFACTURING EXCELLENCE

a **marcusevans** event



1st – 3rd August 2018 | Pan Pacific Hotel | Singapore

PERFECTION IS NOT ATTAINABLE, BUT IF WE CHASE PERFECTION WE CAN CATCH EXCELLENCE.

VINCE LOMBARDI



This event is HRDF Claimable for Eligible Malaysian Companies

EXCLUSIVE 3RD DAY WORKSHOP

Manufacturing 4.0 – The Connected Factory in Action

Are you ready to turn your workplace into a Smart Factory where the virtual and real worlds meet to completely change the way value is created? Navigate this transformation by leveraging Manufacturing 4.0, The Fourth Industrial Revolution to drive productivity and minimise costs whilst ensuring quality and consistency across manufacturing processes globally.

Manufacturing 4.0 is all about doing things differently – introducing automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of Things, Artificial Intelligence and cloud computing. This workshop focuses on connecting multiple devices and machines at every step of the process, from raw material to end-user. This would allow for an unprecedented level of integration between information, communication and manufacturing systems as well as to improve productivity, efficiency, agility, customer experience and revenues and will reduce the cost and delivery time.

Course Facilitators:

Mark Fusco Founder and Managing Director
ADVANCED FOCUS, AUSTRALIA

Andrew Marshall Senior Consultant
ADVANCED FOCUS, AUSTRALIA

SPECIAL HIGHLIGHTS

Interactive Think Tank: Delight the Customers of Tomorrow

These thought leaders will discuss on the developing a customer value proposition and deliver the best results in a competitive marketplace.

Spotlight Sessions

The following sessions will showcase innovative case studies from world class organisations and how they thrive in the manufacturing space

- Next Generation Manufacturing
- Factories of the Future
- On-Demand Manufacturing
- Smart Factory 4.0
- Human Capital Management

SHOWCASING KEY PRESENTATIONS FROM WORLD CLASS ORGANISATIONS AND LEADING INDUSTRY EXPERTS

Dr. Michael Teng CEO
SINGAPORE INNOVATION AND PRODUCTIVITY CENTRE
Assistant Secretary General
SINGAPORE MANUFACTURING FEDERATION

Chaw Sing Ho Managing Director
NATIONAL ADDITIVE MANUFACTURING INNOVATION CLUSTER (NAMIC), SINGAPORE

Teo Wee Kin Chief of Manufacturing Technology – Asia
ROLLS-ROYCE, SINGAPORE

Aykut Gidergi Director of Manufacturing
THE GOODYEAR TIRE & RUBBER COMPANY, GERMANY

Alex Thomas Vice President – Manufacturing Excellence & Technical Services
VF CORP, HONG KONG

Anna Reid GM – Manufacturing
ASAHI BEVERAGES, AUSTRALIA

Prasad Kale Head of Manufacturing & Distribution Industry and IOT, APAC
HEWLETT PACKARD (HP), SINGAPORE

Carles Sola Vila Product Engineering & Quality Director
BURBERRY, UK

Muralidhar M.S.K Executive Director
DELOITTE, SINGAPORE

Ichsan Nurfaraj GM of Manufacturing
NISSAN MOTOR INDONESIA

Yinghui XU Head of Digital and Advanced Manufacturing
SINGAPORE ECONOMIC DEVELOPMENT BOARD

FEATURING EXPERT PRESENTATIONS AND INNOVATIVE CASE STUDIES FROM RENOWNED AND DISTINGUISHED KEYNOTE SPEAKERS

Peter Rodriguez Executive Director- Manufacturing
AMGEN SINGAPORE

Roys Chin GM-Supply Chain & Manufacturing Operations
TETRAPAK, CHINA

Rajnish Narula Production Director
PFIZER, SINGAPORE

Gilbert Au Director of Manufacturing and Automation
FOSSIL GROUP, HONG KONG

Dr Azlan Nithia Vice President
MATTEL, CHINA

Fahrurazi Baharum Head of Operation Improvement & Lean 6 Sigma Master Black Belt – Organisation Transformation Unit
PETRONAS, MALAYSIA

Azman Shah Mohamed Noor Head of Operational Excellence
SIME DARBY, MALAYSIA

Sanjay Kurup Senior Director-Regional Manufacturing (Make) Excellence, Asia Pacific
JOHNSON AND JOHNSON, SINGAPORE

Kunal Sharma AVP – Operational Excellence & Centre of Excellence
COCA COLA, INDIA

Canson Zhao Director of Manufacturing
COLGATE-PALMOLIVE, CHINA

Dr Marcelo H. Ang Director-Advanced Robotics Centre
NATIONAL UNIVERSITY OF SINGAPORE

Gautam Pal Senior Director – Manufacturing, Chocolate Category
Asia Pacific, Middle East and Africa
MONDELEZ INTERNATIONAL, SINGAPORE

Pek Yew Tan Director R&D Center
PANASONIC, SINGAPORE

Thai Yuan Wong Director – Operations Excellence & Sustainability
PURECIRCLE, MALAYSIA

Angelo Cutuli Director, Industrialization & Sustaining Product Engineering
STMICROELECTRONICS, SINGAPORE

Gulshan Saini Director-Manufacturing Innovation
SAMSUNG, KOREA

Au Yang Sian Supply Chain Director SEA
FERRERO, SINGAPORE

Ilker Yagci Director-Supply Chain Excellence & Continuous Improvement Director
CARLSBERG, HONG KONG

Bjoern Kinze Senior Engineering Director – Manufacturing, Asia pacific
KELLOGG, SINGAPORE

Mosses Antony Head of Quality – SEA
Manufacturing
DYSON, MALAYSIA



JOIN OUR EXCLUSIVE SITE TOUR ON DAY 2

NUS Centre for Additive Manufacturing (AM.NUS)

The NUS Centre for Additive Manufacturing is playing a critical role in supporting Singapore's vision of becoming a leading Advanced Manufacturing hub. The Centre has taken on a first-of-its-kind multidisciplinary approach to develop and apply ground-breaking Additive Manufacturing (AM) technology.

The centre is part of a multi-disciplinary initiative to accelerate the adoption of 3D printing technology in Singapore with expertise from Engineering, Industry Design, Medicine and Pharmacy with a focus on 3D printing applications through innovative 3D printed products and processes.



THE PROGRAMME - DAY ONE

wednesday 1st august 2018

- 0830 Registration and Morning Coffee
- 0900 Opening and Welcome Remarks from the Chairperson
- 0910 **DIGITAL TRANSFORMATION**
Plenary One — Discussing the Importance and Debunking the Myths Pertaining to Digital Transformation
Dr. Michael Teng, CEO, Singapore Innovation and Productivity Centre, Assistant Secretary General, Singapore Manufacturing Federation
- 0950 **FACTORIES OF THE FUTURE**
Plenary Two — Adapting Advanced Manufacturing to Significantly Improve Production Output, Profitability and Deliver Significant Value
Chaw Sing Ho, Managing Director, National Additive Manufacturing Innovation Cluster (NAMIC), Singapore
- 1030 Morning Refreshments
- 1100 **MANUVATE**
Plenary Three — Stepping into the New Era of Manufacturing Growth through R&D and Product Innovation
Aykut Gidergi, Director of Manufacturing, The Goodyear Tire & Rubber Company, Germany
- 1140 **Plenary Four — The Singapore Smart Industry Readiness Index – Translating Concept into Action**
Yinghui XU, Head of Digital and Advanced Manufacturing, Singapore Economic Development Board



INTERACTIVE THINK TANK: DELIGHT THE CUSTOMERS OF TOMORROW

- 1220 **Forward-Thinking Manufacturing to Deliver Value in a Competitive Marketplace**
Moderator:
Prasad Kale, Head of Manufacturing & Distribution Industry and IOT, APAC, Hewlett Packard (HP), Singapore
Panellists:
Teo Wee Kin, Chief of Manufacturing Technology – Asia, Rolls-Royce, Singapore
Thai Yuan Wong, Director - Operations Excellence & Sustainability, PureCircle, Malaysia
Mosses Antony, Head of Quality – SEA Manufacturing, Dyson, Malaysia

1300 Networking Lunch

STREAM ONE: OPERATIONAL EXCELLENCE & PRODUCTIVITY

- 1400 Chairperson's Opening Remarks
- 1410 **HUMAN CAPITAL MANAGEMENT**
Gaining a Competitive Advantage by Maximising the Most Valuable Resource in Your Organisation "Your People"
- Leveraging your workforce to successfully implement organisational goals
 - Driving maximum organisational performance by aligning operations with strategy
 - Developing leaders to build consensus that drives accountability
- Gilbert Au, Director of Manufacturing and Automation, Fossil Group, Hong Kong
- 1450 **Achieving Compliant Manufacturing Excellence through Real-time Performance Management and Continuous Improvement**
- Using real time manufacturing data to enhance corporate decision making that aligns the plant floor with corporate initiatives
 - Increasing competitive advantage by driving down production costs and increasing flexibility and responsiveness
 - Accelerating continuous improvement programmes through increased process automation
- Peter Rodriguez, Executive Director – Manufacturing, Amgen Singapore
- 1530 Afternoon Refreshments
- 1600 **DEMAND DRIVEN PRODUCTION**
Optimising your Production for Multiple Product Lines
- Managing multiple supply chain vendors for each product line
 - Monitoring your production to maintain high quality standards
 - Increasing production line capacity to handle uncertain demands of on time delivery of multiple products
- Gautam Pal, Senior Director – Manufacturing, Chocolate Category Asia Pacific, Middle East and Africa, Mondelez International, Singapore
- 1640 **Identifying and Eliminating Wastes by Leveraging the 3M (Muda, Muri & Mura) Approach to Achieve Success in Simulation and Scheduling**
- Designing processes to have a continuous flow with minimal or no buffers
 - Reviewing product specifications to make sure they are aligned with customer requirements
 - Conducting a Root Cause Analysis(RCA) to uncover and address particular defects
- Dr Azlan Nithia, Vice President, Mattel, China
- 1720 Chairperson's Closing Remarks
- 1730 End of Day One

STREAM TWO: DIGITISATION & AUTOMATION

- 1400 Chairperson's Opening Remarks
- 1410 **SERVICE DELIVERY TRANSFORMATION**
Automating Various Stages of the Production Cycle for Greater Efficiency
- Determining the optimal operating model that works best for your organisation
 - Investing in newer or better integrated enterprise applications
 - Planning the automation roadmap to make your processes smarter and more efficient
- Pek Yew Tan, Director – R&D Center, Panasonic, Singapore
- 1450 **SMART MANUFACTURING**
Increasing Production Capacity by Investing in Artificial Intelligence, Internet of Things (IoT) and Robotics
- Experiencing enormous improvements in efficiency and reduction in costs
 - Realising the full potential of IoT enablement to make well informed decisions with little or no human intervention
 - Simulating intelligent behaviour and improving product delivery time
- Dr Marcelo H. Ang, Director-Advanced Robotics Centre, National University of Singapore
- 1530 Afternoon Refreshments
- 1600 **Analysing the Business Case for Digitisation**
- Improving factory performance and achieving new global standards
 - Reducing labour costs and delivering higher levels of output with better quality and fewer errors
 - Enhancing coordination between different segments of the manufacturing cycle to release products on time
- Ilker Yagci, Director-Supply Chain Excellence & Continuous Improvement Director, Carlsberg, Hong Kong
- 1640 **Minimising Costs and Improving Efficiency Through Automation**
- Increasing production by avoiding manual delays
 - Improving productivity by achieving the optimum efficiency of equipments
 - Analysing the cause of low or poor production
- Au Yang Sian, Supply Chain Director SEA, Ferrero, Singapore
- 1720 Chairperson's Closing Remarks
- 1730 End of Day One

STREAM THREE: PROCESS INTEGRATION & OPTIMISATION

- 1400 Chairperson's Opening Remarks
- 1410 **Adopting Integrated and Connected Processes to Reduce Productivity Bottlenecks**
- Creating a holistic process with greater coordination between departments for more centralised work
 - Coordinating product flow and manpower more efficiently to reduce operational cost
 - Establishing continuous improvement behaviours through synchronised communication to minimise errors
- Fahrurazi Baharum, Head of Operation Improvement & Lean 6 Sigma Master Black Belt – Organisation Transformation Unit, Petronas, Malaysia
- 1450 **DIGITAL HUBS**
Turning your Factories into Competence Centres to Optimise the Production Schedule
- Developing digital innovation hubs to manage plant equipments effectively
 - Capitalising on leadership in digital platforms
 - Achieving process excellence with lean six sigma
- Angelo Cutuli, Director, Industrialization & Sustaining Product Engineering, STMicroelectronics, Singapore
- 1530 Afternoon Refreshments
- 1600 **Streamlining Machine to Machine and Machine to Human Interactions**
- Strengthening the synergy of humans and machines to support process optimisation
 - Using a single platform that can allow different departments to make use of these capabilities in a unified, efficient, and rationalised manner
 - Supporting a high degree of interoperability and interaction
- Muralidhar M.S.K, Executive Director, Deloitte, Singapore
- 1640 **Bringing It All Together: Avoiding New Silos by Thinking Holistically and Creating Ties Throughout the Value Chain**
- Managing the internal value chain and team capacity to play strategic roles effectively
 - Coordinating product flow and manpower more efficiently to reduce operational costs
 - Establishing continuous improvement behaviours through synchronised communication
- Gulshan Saini, Director – Manufacturing Innovation, Samsung, Korea
- 1720 Chairperson's Closing Remarks
- 1730 End of Day One



THE PROGRAMME - DAY TWO

thursday 2nd august 2018

0830 Registration and Morning Coffee
0900 Opening and Welcome Remarks from the Chairperson
0910 **Plenary One – Succeeding in the VUCA Paradigm: Tackling Challenging Situations and Tapping into Opportunities**
Alex Thomas, Vice President – Manufacturing Excellence & Technical Services, **VF Corp, Hong Kong**

0950 **Plenary Two – Driving Excellence through Cross Site Collaboration with a Great Focus on Flexibility**
Anna Reid, GM – Manufacturing, **Asahi Beverages, Australia**

1030 Morning Refreshments

1050 **SMART FACTORY 4.0**

Plenary Three – Modernising Manufacturing by Leveraging the 4th Industrial Revolution for Increased Agility, Efficiency and Competitiveness
Prasad Kale, Head of Manufacturing & Distribution Industry and IOT, APAC, **Hewlett Packard (HP), Singapore**

1130 **ON-DEMAND MANUFACTURING**

Plenary Four – Aligning your Production Process with the Evolving Demand Patterns and Product Quality to Stay Competitive
Carles Sola Vila, Product Engineering & Quality Director, **Burberry, UK**

1210 Networking Lunch

STREAM ONE: OPERATIONAL EXCELLENCE & PRODUCTIVITY

1310 Chairperson's Opening Remarks

1320 **MANUFACTURING TRANSFORMATION Gearing up to the Next Level of Operational Excellence by Delving into the Key Trends**

- Deploying the right tools and resources
 - Integrating people, technology and processes for improved productivity
 - Accelerating your pace towards operational excellence through continuous improvement
- Ichsan Nurfajar**, GM of Manufacturing, **Nissan Motor Indonesia**

1400 **Handling Manufacturing Complexity with Advanced Analytics**

- Decreasing downtime through analytics to monitor all relevant parameters so they can intervene before the breakage happens
 - Leveraging advanced analytics based techniques to maximise profit
 - Helping employees adapt and lead to a change in their roles that can potentially make their jobs more rewarding
- Canson Zhao**, Director of Manufacturing, **Colgate-Palmolive, China**

1440 **Managing Product Quality at Outsourced Manufacturing Operations for Greater Economies of Scale**

- Gaining visibility into quality issues to prevent any unacceptable quality products from entering the inbound supply chain
 - Integrating data, identifying issues and creating corrective actions to be implemented
 - Deploying an integrated inspection, audit, tracking and change control systems for an end-to-end quality process management
- Kunal Sharma**, AVP – Operational Excellence & Centre of Excellence, **Coca Cola, India**

1520 Chairperson's Closing Remarks

1530 Afternoon Refreshments & Proceed to Site Tour

STREAM TWO: DIGITISATION & AUTOMATION

1310 Chairperson's Opening Remarks

1320 **Addressing the Skills Gaps to Initiate Digitisation to Ensure Viability and Success**

- Building a business case for automation
 - Investing in training programmes on digital skills to help employees understand how to use and implement new technologies and platforms
 - Benchmarking incumbent employee competencies through knowledge and skills-based assessments to determine gaps in performance and build a training strategy to address them
- Rajnish Narula**, Production Director, **Pfizer, Singapore**

1400 **Harnessing Robots for Reduced Product Cycle Times and Labour Costs**

- Preparing a framework for innovative development to improve operational efficiencies, reduce waste and enhance reliability
 - Programming robots to operate 24/7 for continuous production
 - Saving floor space with flexible robot mounting configurations
- Speaker to be Advised*

1440 **Appraising the Value of Automation and Intelligent Manufacturing for Optimised and Predictable Operations**

- Providing clarity to the product assembly process and gathering all parties on the same page
- Bringing certainty to operations by using predictive and prescriptive analytics through machine learning
- Leveraging real-time information flows for visibility on risk management

Bjoern Kinze Senior Engineering Director – Manufacturing, Asia Pacific
Kellogg, Singapore

STREAM THREE: PROCESS INTEGRATION & OPTIMISATION

1310 Chairperson's Opening Remarks

1320 **Driving Process Optimisation by Synchronising Manufacturing Operations with Business Systems to Deliver Value**

- Holistically managing and optimising operations across the global manufacturing network
 - Improving quality, productivity and process time for increased ROI
 - Forecasting market expectation and controlling defects to sustain in the market
- Roys Chin**, GM – Supply Chain & Manufacturing Operations, **TetraPak, China**

1400 **Functional Excellence: Managing the Internal Value-Chain and Team Capacity to Play Strategic Roles Effectively**

- Coordinating product flow and manpower more efficiently to reduce operational costs
 - Creating a holistic process with greater coordination between departments for more centralised work
 - Establishing continuous improvement behaviors through synchronised communication to minimise errors
- Azman Shah Mohamed Noor**, Head of Operational Excellence, **Sime Darby, Malaysia**

1440 **Emphasising on Flexibility, Agility and Value Stream Design**

- Making manufacturing operations readily scalable for different levels of output
- Allowing customisation and reconfiguration of manufacturing processes with minimal downtime and cost
- Enabling manufacturers to coordinate their work processes with those of their suppliers and customers to maximise efficiency and minimise costs

Sanjay Kurup, Senior Director-Regional Manufacturing (Make) Excellence, Asia Pacific
Johnson and Johnson, Singapore



SITE TOUR

NUS Centre for Additive Manufacturing (AM.NUS)

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The two facilities at School of Medicine and Faculty of Engineering are equipped with the latest advanced manufacturing equipments including powder, plastics and liquid based printers, 3D scanners, CAD image processing and design software, as well as testing and validation facilities.

Delegates will be able to leverage the extensive technical infrastructure and know-how of the centre to make ideas a reality.

REGISTER NOW

Tel.: +603 2723 6636 Fax: +603 2723 6733
Email: Asifi@marcusevanskl.com



FULL DAY COURSE - EXCLUSIVE DAY 3

friday 3rd august 2018

MANUFACTURING 4.0 – THE CONNECTED FACTORY IN ACTION

Session One

Situation Analysis 1: Manufacturing 4.0: Where are we?

- Analysing the current status of automation in your factory
- Understanding the technologies behind Industry 4.0
- How advancements in manufacturing technology are transforming the industry?

Session Two

Situation Analysis 2: The Strategic Approach – What is your 4.0 strategy?

- Create your digital strategy
- The blue print for digital success
- Re-thinking your business model – The servitisation of manufacturing

Session Three

Navigating the Next Industrial Revolution

- Designing for customer-centricity
- Raising your technological acumen
- Innovating rapidly and openly
- Learning more from your data
- Adopting innovative financing models

Session Four

Future Skills: Identifying and Developing the Skills for Tomorrow

- Discussing development phases of emergent technologies
- Developing a digital culture
- Assessing the future of manufacturing workforce to bridge the skills gap

Session Five

The Smart Backbone

- Manufacturing Execution Systems
 - Developing an operations activity model for the analysis of activities of each of the main function across the plant
 - Evaluating the current state and predicting the future state
- Manufacturing Operations Management(MOM)
 - Increasing visibility and control into the manufacturing processes
 - Stepping towards the automated monitoring of production lines and factories
 - Implementing automated operations management to connect multiple factories

Session Six

Identifying and Overcoming Challenges

- Are we ready?
- What are the roadblocks and how do we manage them?

Session Seven

Connecting for Success

- Improving product assembly and workforce efficiency – The connected factory
- Increasing equipment reliability – Real time OEE and smart decision making
- Enhancing process stability – Smart Data
- Asset and people management – Smart tracking

Session Eight

Call to Action

- Where are we heading – Industry 5.0
- What are the Steps I Should Take Tomorrow

Conclusion: Summary and Q/As

Course Facilitators:

Mark Fusco, Founder and Managing Director, **Advanced Focus, Australia**
Andrew Marshall, Senior Consultant, **Advanced Focus, Australia**

EXCLUSIVE 3RD DAY WORKSHOP

Manufacturing 4.0 – The Connected Factory in Action

Are you ready to turn your workplace into a Smart Factory where the virtual and real worlds meet to completely change the way value is created? Navigate this transformation by leveraging Manufacturing 4.0, The Fourth Industrial Revolution to drive productivity and minimise costs while ensuring quality and consistency across manufacturing processes globally.

Manufacturing 4.0 is all about doing things differently – introducing automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of Things, Artificial Intelligence and cloud computing. This workshop focuses on connecting multiple devices and machines at every step of the process, from raw material to end-user. This would allow for an unprecedented level of integration between information, communication and manufacturing systems as well as to improve productivity, efficiency, agility, customer experience and revenues and will reduce the cost and delivery time.

WORKSHOP BENEFITS

- **Positioning** yourself at the forefront of the latest Industry 4.0 thinking from both a technology and industrial perspective
- **Discovering** the importance of developing a specific Industry 4.0 strategy for your business
- **Learning** about the opportunities in manufacturing through innovative business models in conjunction with new disruptive technologies
- **Learning** about the shift in skills and thinking required to support the growth of disruptive technology both internally and within the supply chain
- **Understanding** what the next steps are for your business

ABOUT THE COURSE FACILITATORS

Mark Fusco, Founder and Managing Director, **Advanced Focus, Australia**

Mark Fusco is one of South Australia's leading thought leaders and consultants in the field of manufacturing and process strategy with over 25 years of diverse industry experience. Mark has an extensive knowledge of complex manufacturing processes, technologies and scales of production and a career that spans Australia, Asia, Europe, Africa and the US. He holds a Master of Management (Manufacturing) and in 2014 was named the inaugural 'Manufacturing Fellow' at the CSIRO.

Mark founded Advanced Focus in 2005 with a passion to help companies grow and compete globally by increasing the value they create in their products and services. This is achieved through innovative technologies underpinned by efficient 'smart factory' systems, processes and skills. Since mid 2017, Mark has been instrumental in developing and driving the Smart Factory Network, creating an active and leading edge forum for local manufacturers to learn and develop their networks and knowledge specifically around the Industry 4.0 topic.

He has worked nationally and internationally with a diverse range of businesses within advanced manufacturing, defence, resources, food and agri, and the services sectors. Mark has helped his clients 'see the future' and the potential impact and opportunity brought by disruptive technologies. Through their independent evaluation Advanced Focus helps their clients quantify the opportunities to improve both business effectiveness and efficiency using data and real experience to assist in decision making and change support for effective adoption.

Mark Fusco is a passionate speaker and facilitator, delivering multiple key note speeches on the adoption and future of Industry 4.0 in the Manufacturing sector.

Andrew Marshall, Senior Consultant, **Advanced Focus, Australia**

Andrew Marshall has worked globally within the automotive, South Australian Government and process consulting worlds to develop an in depth knowledge of complex manufacturing, systems and office based processes. With over 25 years experience in the advanced manufacturing sector Andrew has a wealth of operational experience which has been focused upon creating value within any business unit / area. As an experienced trainer and facilitator, Andrew has been leading the Smart Factory Network group within South Australia in the last 12 months and is a passionate and engaging speaker.

TESTIMONIALS

New angles to old things, industry 4.0 understanding has improved a lot.

Continuous Improvement Manager, **Semperit AG / Latexx**

Base implementation method of lean, how to improve lean thinking, robotics investment on product cost.

Production Manager, **Textured Jersey**

Increase knowledge, view sharing, knowledge about working style.

Senior Manager Production, **Century Engineering Industries**

Gathering of participants from different countries, learned about six sigma and lean management, listening to speakers.

GM, **Century Engineering Industries**

Time management, good speakers.

Deputy GM, **Pharmaniaga**

Networking, knowing about industry 4.0.

Asanka, **MAS Holdings**

Learn best practices to gain manufacturing excellence, networking and experience sharing of experts, building the foundation in my role as COO.

COO, **A. T. Haque**

REGISTER NOW

Tel.: +603 2723 6636 Fax: +603 2723 6733

Email: Asifi@marcusevanskl.com



MORE ABOUT THE EVENT

WHY YOU CANNOT MISS THIS EVENT

Marcus Evans takes great pride in organising our flagship event, the **3rd Annual Manufacturing Excellence** large scale event from **1st -3rd August 2018**.

This conference is a must-attend gathering which provides a perfect platform for those involved in the manufacturing industry from all sectors. Rapid developments in technology, advanced manufacturing and synergistic operating models are changing the way manufacturing companies compete and succeed. On top of these issues, rising labour costs, lack of skilled workers and the bringing down of trade barriers mean manufacturers should gear up their capabilities and enhance their competitiveness. As manufacturers look forward to their next decade of growth, they should start to rethink the way they do business. Only through innovation, implementing high-technology systems and running intelligent operations can they stay relevant and ensure manufacturing success in this highly competitive global business environment.

Attend this event to learn how to increase your ability to provide high quality, competitively priced products and services in the global market to gain higher profitability. Learn how to drastically shorten product development cycles, increase productivity, stimulate product and process innovation, and respond quickly to changing customer demands in order to reduce operational costs with optimal performance for greater ROI. Also, explore new strategies to ensure that your operational capabilities are flexible and constantly adapting to the current market scenario to avoid loss in revenue and performance.

Tailor-make your own programme by selecting from any of these streams over Day One and Day Two:

Stream One: Operational Excellence & Productivity

In this stream, we will discuss how to create the company culture that helps produce valuable products and services for your customers and achieve long-term sustainable growth. We will discuss how to increase reliability, efficiency and profitability as well as how to manage competitive pressures and improve workforce productivity while controlling labour costs. We will focus on establishing a secure supplier network, streamlining manufacturing operations, addressing cross-functional issues and drive performance forward with a growth mindset.

Stream Two: Digitisation & Automation

This stream will unravel the self-organising adaptive manufacturing process that no longer requires constant human intervention, while remaining under human control. We will discuss how digital-manufacturing technologies and data analytics will transform and optimise factory operations, boosting equipment utilisation and product quality while reducing energy consumption.

We will highlight the process of transition to a smart factory using automation, 3D Printing, as well as, adopting advance systems for a seamless solution with existing systems, also recognising the value of disruptive and cloud technologies.

Stream Three: Process Integration & Optimisation

We will discuss how to create an integrated production environment for more reliable and centralised operations. This stream will focus on optimising complex manufacturing processes to take advantage of revenue opportunities by tuning up operations and establishing harmony amongst different control systems. We will discover how to utilise existing equipment to its fullest capacity by examining operating data and identifying equipment bottlenecks. Also, leveraging virtual controlling systems to continuously monitor and optimise the entire plant for increased quality and safety.

DAY 3 – Full Day Workshop on Manufacturing 4.0 – The Connected Factory in Action

Manufacturing 4.0 is all about doing things differently – introducing automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of Things, Artificial Intelligence and cloud computing. This workshop focuses on connecting multiple devices and machines at every step of the process, from raw material to end-user. This would allow for an unprecedented level of integration between information, communication and manufacturing systems as well as to improve productivity, efficiency, agility, customer experience and revenues and will reduce the cost and delivery time.

MEDIA PARTNERS

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If it's electronics, it's here

Since 1969, **EFYI Group** is known to be the pioneer in connecting two different worlds -Technology and Reality. Today, EFYI has become synonymous with information on cutting-edge technology. This renowned media group caters to over 5 Million techies spread across the globe through its various Online Platforms and Mega Annual Events. In order to know more about us, please visit: www.efy-i.com

Automation



Connect

AutomationConnect is an End to End B2B Portal exclusively for Industrial Automation. It is the platform for industrial automation ecosystem comprising of Automation end users(manufacturing industries),Automation vendors, OEMs, System Integrators, Consultants, Automation Technology experts, Automation students; Online Media partners and Online Media publishers to PR & event firms, consultants, Automation association bodies.

WHO SHOULD ATTEND

This large scale conference is designed to attract all those who are involved in the manufacturing industry from all sectors:

Job titles

Chiefs, Presidents Senior Vice Presidents, Vice Presidents, Directors, Managers and other senior-level decision makers with responsibilities within the Manufacturing Industry:

- Manufacturing
- Plants
- Operations
- Engineering
- R&D
- Product Development
- Production
- Purchasing
- Procurement
- Materials Management
- Contract Manufacturing
- IT/IS Management
- Supply Chain Management
- Process Management
- Quality Management
- Lean / Six Sigma / Kaizen / JIT
- Supply Chain
- Business Excellence / Continuous Improvement

Sectors:

- Aluminum
- Aerospace and Defense
- Agricultural Equipment
- Automotive and Tyres
- Building and Construction
- Contract & Turnkey Projects
- Clothes, Apparel and Garment
- Consumer Goods
- Chemicals / Petrochemicals
- Cosmetics
- Design & Consultancy Services
- Engineering & Contracting
- Electrical / Electronics
- Household and Personal Care
- IT & Telecommunications
- Factory Management
- Foundry / Machining Services
- Food & Beverage Equipment
- Furniture and Woodworking
- Luxury Goods
- Machinery & Equipment
- Material Testing & Inspection
- Steel, Metal Parts and Components
- Medical & Pharmaceutical Products
- Military / Defence
- Oil & Gas
- Packaging
- Printing
- Pulp and Paper
- Pumps & Accessories
- Sheet Metal Fabrication
- Storage & Materials Handling
- Rubber & Plastic Products
- Shipbuilding, Marine & Offshore
- Tobacco and Alcohol
- Toys
- Tools, Dies & Moulds
- Trade Association
- Trading / Agent / Distributor

BENEFITS OF ATTENDING THIS MARCUS EVANS CONFERENCE INCLUDE

- **Providing** the customer with maximum satisfaction, as well as, creating a process with minimal waste in design, assembly, and sustainability
- **Implementing** unique lean methods and applications that are necessary in your plants
- **Fostering** leadership techniques necessary to actively drive change and lean initiatives
- **Creating** tangible and sustainable benefits from your know-how of efficient procedures
- **Exploring** the importance of value stream identification and mapping to increase efficiency
- **Implementing** different planning and management techniques depending on your production type and volume
- **Leveraging** Industry 4.0 for improved automation, artificial intelligence, continued technological improvements and digitalisation in manufacturing

BUSINESS DEVELOPMENT OPPORTUNITIES

Does your company have services, solutions or technologies that the conference delegates would benefit from knowing about?

If so, you can find out more about the exhibiting, networking and branding opportunities available by contacting:

Mark Christopher on +91 22 6167 9600 or
email MarkC@marcusevansin.com

marcusevans would like to thank all the world-leading visionaries, solution providers, associations, operators, end-users and delegates who have contributed to and supported the **marcusevans 3rd Annual Manufacturing Excellence** Large Scale Event. We would particularly like to mention our speakers for their help in the research behind the event and also our sponsors for their continued support and commitment.

On behalf of marcusevans we hope you have a rewarding, enjoyable and productive time. We personally look forward to meeting you all and working with you at our future Large Scale Events planned in 2018. See you in August!

REGISTRATION FORM

Please complete in **BLOCK CAPITALS** and return this form digitally using the **desktop Acrobat Reader software**, or by submitting a printed version via scan or fax. Some fields are not compatible with iOS or Android devices.

REGISTER NOW

Tel.: +603 2723 6636 Fax: +603 2723 6733
Email: Asifi@marcusevanskl.com

EVENT CODE: AS-MF4894

LOGIN ID:

CODE: E

PLEASE COMPLETE THIS FORM AND FAX BACK TO:

ASIF IQBAL

FAX NO:

+603 2723 6733

REGISTRATION FEES

FEES

2 Days Conference Fee	USD 2,420
2 Days Conference + Workshop Fee	USD 3,120

CONSULTANTS AND SOLUTION PROVIDERS FEES

2 Days Conference Fee	USD 2,910
2 Days Conference + Workshop Fee	USD 3,750

*online documentation included for all fee categories

Site Tour	USD 195
Online Documentation Only	USD 795

You will be provided a username and password to access the documentation online

PLEASE SELECT CONFERENCE STREAMS THAT YOU WOULD LIKE TO ATTEND:

Day 1:	Stream One	Stream Two	Stream Three
Day 2:	Stream One	Stream Two	Stream Three

A processing fee of USD 48 will be added per delegate. GST & VAT will be added if applicable per delegate.

REGISTRATION DETAILS

1.) Name _____

Position _____

E-Mail _____

2.) Name _____

Position _____

E-Mail _____

3.) Name _____

Position _____

E-Mail _____

To ensure your personal assistant also receives confirmation details please add their details below

Name _____

E-Mail _____

Organisation _____

Address _____

Town _____ State _____

Country _____ Postcode _____

Tel. _____ Fax _____

Nature of Business. _____

Company Size:	1-9	10-24	25-49	50-99
	100-249	250-499	500-999	1000+

AUTHORISATION

Signature _____ Date _____

Name _____

Position _____

This booking is invalid without a signature.

AUTHORISATION Signatory must be authorised to sign on behalf of contracting organisation

CONFERENCE: MANUFACTURING EXCELLENCE

DATES, VENUE: 1ST – 3RD AUGUST 2018, PAN PACIFIC HOTEL, SINGAPORE

PAYMENT METHOD

CREDIT CARD

Please note that all Credit Cards will be charged in MYR. All exchange rates are calculated by your cards bankers. Payment is required within five working days on receipt of invoice (Credit Card payments attract a 2% surcharge)

Please charge my: MasterCard VISA AmEx Diners Club

Card Holder's Name _____ Security Code _____

Card Number _____

Expiry Date _____ Signature _____

CONFIRMATION DETAILS

After receiving payment a receipt will be issued. If you do not receive a letter outlining joining details two weeks prior to the event, please contact the Conference Coordinator at **marcus evans** conferences.

HOTEL ACCOMMODATION

Accommodation is not included in the conference fee. Our Logistics Team will send you the venue and joining details with the hotel booking form after you have registered. Hotel address: Pan Pacific Hotel, 7 Raffles Boulevard, Marina Square, Singapore 039595. Tel: (65) 6336 8111

Payment is required within five working days on receipt of invoice

Indemnity: Should for any reason outside the control of **marcus evans** conferences, the venue or speakers change, or the event be cancelled due to an act of terrorism, extreme weather conditions or industrial action, **marcus evans** conferences shall endeavour to reschedule but the client hereby indemnifies and holds **marcus evans** conferences harmless from and against any and all costs, damages and expenses including attorneys fees, which are incurred by the client. The construction, validity and performance of this Agreement shall be governed in all respects by the laws of Malaysia to the exclusive jurisdiction of whose Courts the Parties hereby agree to submit.

Terms & Conditions: **marcus evans** Marcus Evans (Singapore) Ltd

1. Fees are inclusive of program materials and refreshments.

2. Payment Terms: Following completion and return of the registration form, full payment is required within 5 days from receipt of invoice. PLEASE NOTE: payment must be received prior to the conference date. A receipt will be issued on payment. Due to limited conference space, we advise early registration to avoid disappointment. A 50% cancellation fee will be charged under the terms outlined below. We reserve the right to refuse admission if payment is not received on time.

3. Cancellation/Substitution: Provided the total fee has been paid, substitutions at no extra charge up to 14 days before the event are allowed. Substitutions between 14 days and the date of the event will be allowed subject to an administration fee of equal to 10% of the total fee that is to be transferred. Otherwise all bookings carry a 50% cancellation liability immediately after a signed sales contract has been received by **marcus evans** (as defined above). Cancellations must be received in writing by mail or fax six (6) weeks before the conference is to be held in order to obtain a full credit for any future **marcus evans** conference. Thereafter, the full conference fee is payable and is non-refundable. The service charge is completely non-refundable and non-creditable. Payment terms are five days and payment must be made prior to the start of the conference. Nonpayment or non-attendance does not constitute cancellation. By signing this contract, the client agrees that in case of dispute or cancellation of this contract that **marcus evans** will not be able to mitigate its losses for any less than 50% of the total contract value. If, for any reason, **marcus evans** decides to cancel or postpone this conference, **marcus evans** is not responsible for covering airfare, hotel, or other travel costs incurred by clients. The conference fee will not be refunded, but can be credited to a future conference. Event program content is subject to change without notice.

4. Copyright etc: All intellectual property rights in all materials produced or distributed by **marcus evans** in connection with this event is expressly reserved and any unauthorized duplication, publication or distribution is prohibited.

5. Data Protection: Client confirms that it has requested and consented to **marcus evans** retaining client information on **marcus evans** group companies database to be used by **marcus evans** groups companies and passed to selected third parties, to assist in communicating products and services which may be of interest to the client. If the client wishes to stop receiving such information please inform **marcus evans** local office or email unsubconf@marcusevansuk.com. For training and security purposes telephone calls may be recorded.

6. Important note. While every reasonable effort will be made to adhere to the advertised package, **marcus evans** reserves the right to change event dates, sites or location or omit event features, or merge the event with another event, as it deems necessary without penalty and in such situations no refunds, part refunds or alternative offers shall be made. In the event that **marcus evans** permanently cancels the event for any reason whatsoever, (including, but not limited to any force majeure occurrence) and provided that the event is not postponed to a later date nor is merged with another event, the Client shall receive a credit note for the amount that the Client has paid to such permanently cancelled event, valid for up to six months to be used at another **marcus evans** event. No refunds, part refunds or alternative offers shall be made.

7. Governing law: This Agreement shall be governed and construed in accordance with the law of Malaysia and the parties submit to the exclusive jurisdiction of the courts in Kuala Lumpur. However, **marcus evans** only is entitled to waive this right and submit to the jurisdiction of the courts in which the Client's office is located.

8. Client hereby acknowledges that he/she specifically authorizes that **marcus evans** groups companies charge the credit card listed above for the amount provided herein; that this Contract is valid, binding and enforceable; and that he/she has no basis to claim that any payments required under this Contract at any time are improper, disputed or unauthorized in any way. Client acknowledges that they have read and understood all terms of this contract, including, without limitation, the provisions relating to cancellation.

APPROVALS (HEAD OF DEPARTMENT):

FOR INTERNAL OFFICE USE: