

NOW OPEN FOR REGISTRATION



Agriculture 4.0



THE FUTURE OF AGRICULTURE

Agriculture 4.0 Conference

Miracle Convention Center, Bangkok, Thailand

9-12 March 2020

Co-organized by:



Gold Sponsor:



Knowledge Partner:



MALAYSIA PRODUCTIVITY CORPORATION

**Lot 894, Lorong Demak Laut 3A, Taman
Perindustrian Demak Laut, 93050 Kuching, Sarawak**



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TRANSFORMATION . INNOVATION . PARTNERSHIP

THE FUTURE OF AGRICULTURE

Agriculture, Food and Horticulture are key sectors throughout Southeast Asia, accounting for a substantial share of the region's GDP and employing an important part of the workforce. With the increasing populations, climate change, rising level of urbanisation and workforce challenges due to rural depopulation in most of the ASEAN countries, there is an urgent need for innovative solutions for the agriculture sector.

Currently, the agriculture sector is undergoing digital transformation with huge potential to producers and the consumers. Introduction of digital agriculture, industrialization and mechanisation of production processes, connectivity and data management are now set to unleash the next revolution in the history of agriculture and farming. Utilising smart IT, Drones, Machine Learning and other advanced technologies and crucially networking these assets enables more efficient use of resources, results in higher yield and production, increase efficiency and productivity and answers to the new environment.

Agriculture 4.0 Conference and Exhibition 2020 (Agri 4.0) is set to provide an interactive platform to discuss the opportunities offered by disruptive digital technologies to increase productivity, and access to services and markets in the agricultural sector. This will be an unparalleled meeting place for decision-makers, plantation and farms managers, digital leaders, and other business professionals to share knowledge and experience in optimising the agricultural farming process in the age of technology.

The conference represents a unique opportunity for learning, exchanging opinions, and expanding one's network enabled by live presentations followed by dynamic networking sessions – providing the attendees with valuable insights from specialists in the sphere of agriculture technologies.

AGRICULTURE 4.0 ***THE FUTURE OF AGRICULTURE***



WHY YOU SHOULD JOIN?

Understand The Current & Future Trends

Hear from inspiring digital leaders, agriculture economists and business innovators on new technologies & applications for plantations and farms

Comprehensive Content

Updated information reflecting your most concerned issues in developing smart and precision agriculture

Distinguished Presenters

Renowned best practitioners, industry leaders and innovators sharing insights

Extensive Showcase

Discover new and innovative technologies and services for smart and precision farming and agriculture

Premium Networking

Unrivalled networking and exchange of experiences across 20+ countries

Business Opportunity

Explore potential collaborations and with 300+ local and international industry stakeholders

KEY THEMES

- ☐ Available Technologies for Agriculture 4.0, Drones, Sensors, Internet of Things, Robotics, Big Data, AI and more
- ☐ Precision Agriculture
- ☐ Agricultural Resource Management for Improved Resource-use
- ☐ Process Automation and Mechanisation
- ☐ Water Management and Irrigation
- ☐ Innovative Approach towards Technological Development
- ☐ Indoor Farming Technologies
- ☐ Agriculture Software Enhancing
- ☐ Investment in R&D
- ☐ New Business Models
- ☐ Cross disciplinary themes



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TENTATIVE PROGRAMME

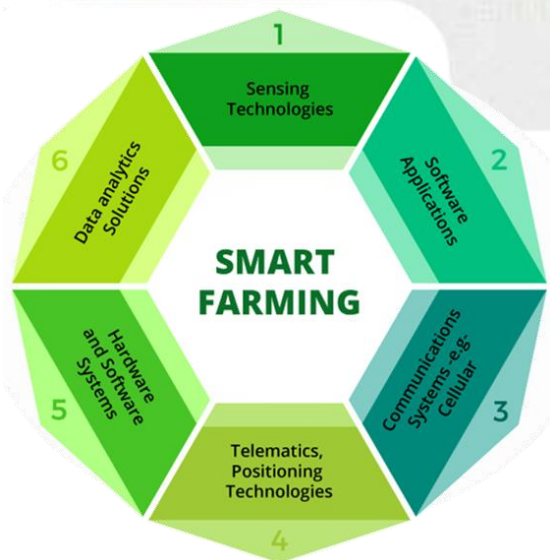
Day	Time table	Contents
1	9 March 2020 (Monday)	<u>Arrival and Check-in (Baiyoke Boutique Hotel, Bangkok)</u>
2	10 March 2020 (Tuesday)	<p>AGRICULTURE 4.0 REGISTRATION BEGINS (@Miracle Convention Center, Bangkok)</p> <p>OPENING CEREMONY INTRODUCTORY REMARKS WELCOME REMARKS INAUGURAL ADDRESS AND LAUNCH OF AGRICULTURE 4.0 2020 CONFERENCE AND EXHIBITION</p> <p>PLENARY SESSION Plenary Address 1: What is Smart Agriculture? How Can We Get There? Plenary Address 2: Digital Trends & Technologies that Are Impacting Agriculture and Farming Plenary Address 3: Away from Isolated Solutions - How Do We Achieve A Networked Agriculture? Plenary Address 4: Making Precision Agriculture Works for Smallholders</p> <p>SESSION ONE: ENABLING TECHNOLOGIES IN AGRICULTURE – PART I Paper 1: Artificial Intelligent in Agriculture – From Assistive Technology to Autonomy Paper 2: From Machine Data to Better Decision – Applications & Used Cases in Agriculture Paper 3: How Can Machine Learning Used in Agriculture Industry Paper 4: The Role of Sensors in Agriculture: Applications, Limitations & Challenges Open Forum: Comments, Questions and Answers</p> <p>SESSION TWO: ENABLING TECHNOLOGIES IN AGRICULTURE – PART II Paper 5: Towards Full Automation of the Farm & Plantation: Reality or Utopia? Paper 6: The Impact of Virtual Reality on Agriculture Paper 7: Blockchain – Increasing Transparency and Traceability in Agriculture Open Forum: Comments, Questions and Answers End of Day 1</p>
3	11 March 2020 (Wednesday)	<p>SESSION THREE: ADVANCING AGRICULTURE PRODUCTION WITH TECHNOLOGIES Paper 8: Use of Disruptive Technologies for Precision Soil Monitoring and Field Mapping Paper 9: Smart Fertilizer: Future of Sustainable Agriculture Paper 10: Applications and Potentials of Genome Editing in Crop Improvement Open Forum: Comments, Questions and Answers</p> <p>SESSION FOUR: DISRUPTIVE TECHNOLOGIES IN FARM AND PLANTATION MANAGEMENT Paper 11: Utilising Farm Management System to Improve Relations in Agriculture Value-Chain Paper 12: Drone Vs Satellites in Agriculture – Which Will Prevail? Paper 13: Smart and Mechanised Irrigation: Improving Irrigation Technology Open Forum: Comments, Questions and Answers</p> <p>SESSION FIVE: REVOLUTIONISE PRODUCTIVITY & HARVESTING WITH TECHNOLOGIES Paper 14: Robot Operating System as Infrastructure towards Autonomous Agricultural Machines Paper 15: Increase Productivity and Reducing Loses through Smart Harvesting Systems Paper 16: How Space-based Technology is Revolutionising Production INDUSTRY LEADERS FORUM: PAVING THE WAY TO SMART AGRICULTURE IN REAL PRACTICE End of Conference</p>
6	12 March 2020 (Thursday)	Check-out and Depart for KLIA

WHAT IS SMART FARMING?

What is SMART Farming?

SMART farming is the practice of applying new technologies to increase the quality and quantity of farming and ranching production, while preserving and protecting natural resources.

SMART farming allows for:



PROGRAMME FEE

JOIN US

RM6,500.00

- ☐ Programme Fees include:
- ☐ Return tickets (economy class) from: KUL→BKK/BKK→KUL (AirAsia)
- ☐ Conference Fee
- ☐ Transportation: Transfer from Airport-Hotel, Hotel-Conference Venue
- ☐ Accommodation: Baiyoke Boutique Hotel, Bangkok*
- ☐ Programme Materials

** To be confirmed*

REGISTRATION FORM



AGRICULTURE 4.0: THE FUTURE OF AGRICULTURE 9 – 12 MARCH 2020

NO	NAME	DESIGNATION	EMAIL	PACKAGE
1.				
2.				
3.				

ORGANISATION:		SIGNATURE & COMPANY STAMP
TYPE OF INDUSTRY:		
ADDRESS:		
CONTACT PERSON:		
TEL:	FAX:	PAYMENT METHOD: <div><input type="checkbox"/> CASH <input type="checkbox"/> CHEQUE <input type="checkbox"/> PURCHASE ORDER <input type="checkbox"/> ONLINE BANKING</div>



1. Registration is to be submitted before **1 Mac 2020**. Please fax/ email/ post the COMPLETED REGISTRATION FORM (s) to 082-439 969 or contact:-



Ms. Safarwan Mohd Suhaimi
Asst. Manager
safarwan@mpc.gov.my

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2. Fee per person:-
RM6,500.00

3. Registration and payment shall be made ten (10 days) before the commencement of the programme.



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