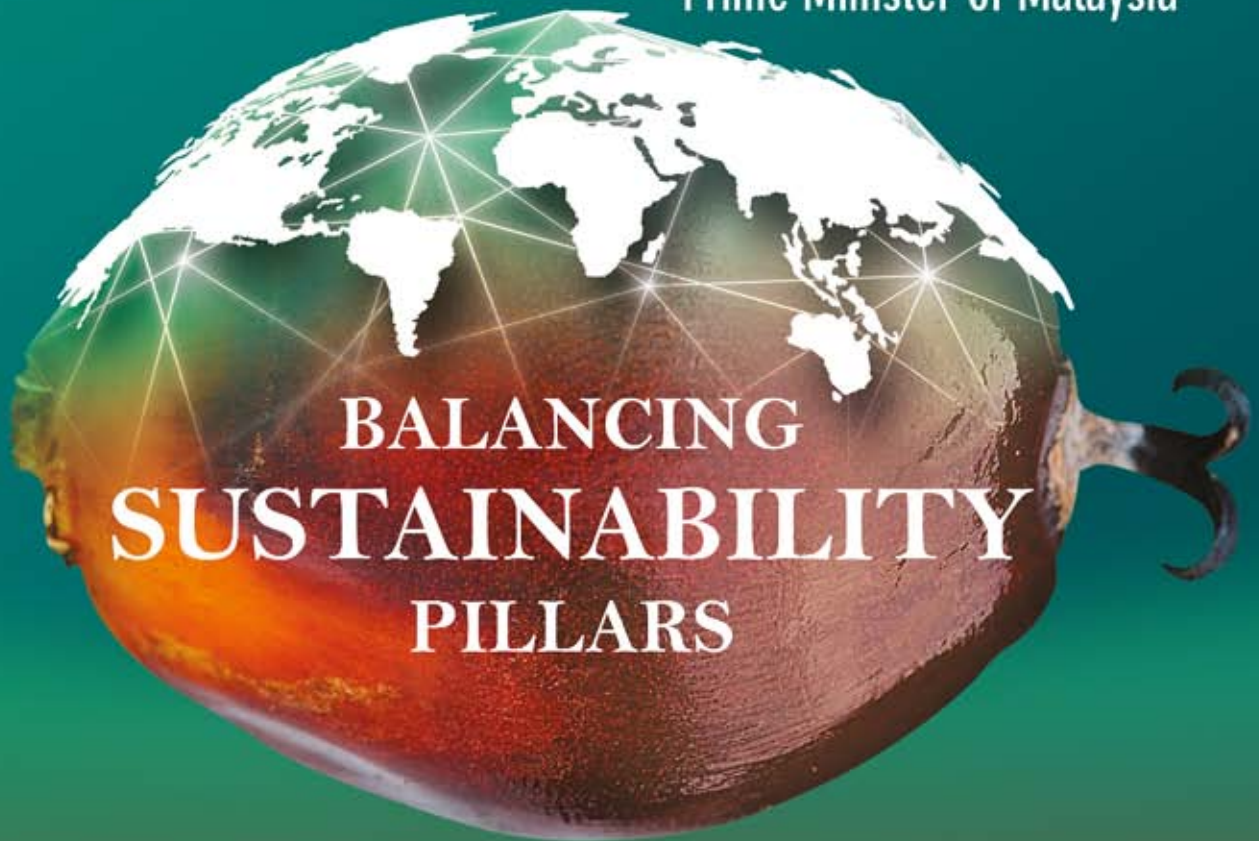


Final Announcement



MPOB INTERNATIONAL PALM OIL CONGRESS AND EXHIBITION (PIPOC) 2019

Keynote Address by
YAB Tun Dr. Mahathir Mohamad
Prime Minister of Malaysia



19-21
NOVEMBER
2019

Kuala Lumpur Convention Centre,
Kuala Lumpur, Malaysia



Organised by:
Malaysian Palm Oil Board (MPOB)

6 Persiaran Institusi, Bandar Baru Bangi,
43000 Kajang, Selangor, Malaysia
www.mpob.gov.my

**HRDF
Claimable**



Disclaimer

Before you proceed to make payment, please take note of the following:

- a) MPOB's bank account details are as follows:

Bank name: **CIMB Islamic Bank Berhad** (based in Malaysia)
Current account no.: **8600471810**

- b) MPOB e-mail addresses always carry the MPOB domain,
e.g: pipoc@mpob.gov.my

- c) If you have any enquiries, please contact:

- i. **Ruba'ah Masri**
(e-mail: rubaah@mpob.gov.my) or
- ii. **Rusnani Abd. Majid**
(e-mail: rusnani@mpob.gov.my)

- d) MPOB is not responsible for payment made to any other accounts except the one stated above.

INVITATION PIPOC 2019

Malaysian Palm Oil Board (MPOB) invites you to MPOB International Palm Oil Congress and Exhibition (PIPOC) 2019. PIPOC once again will be held on 19-21 November 2019 at the Kuala Lumpur Convention Center (KLCC), which offers an excellent environment for conferences and exhibitions, all in one place. PIPOC 2017, known as the world's largest palm oil technical and trade congregation, has attracted more than 6000 participants and trade visitors from over 40 countries.

The biennial PIPOC organised by MPOB has five concurrent conferences. The Congress provides a strategic platform for interaction and in-depth deliberation on various aspects related to palm oil industry, including innovations, latest policy developments, challenges and the way forward for the industry. Participants will gain valuable opportunities to explore latest advancements in the technologies related to the palm oil industry.

The Congress will also be hosting a trade exhibition that occupies more than 400 exhibition booths, providing delegates with the opportunities to view and discuss current technologies, state-of-the art equipment and products related to the oils and fats industry. The exhibition provides excellent networking opportunities for all attendees and participating exhibitors.

The PIPOC 2019 theme 'Balancing Sustainability Pillars' is based on the concept of 3Ps (Planet, People and Profit), which will focus on the latest science, research and practices for a sustainable production, versatility of applications in both edible and non-edible sectors and as a formidable player in global oils and fats market. Balancing of these 3Ps covering various activities in the complete chain of palm oil industry is needed to ensure an ideal and sustainable development can be implemented continuously.

We are anticipating PIPOC 2019 to attract more than 7000 participants and trade visitors from various disciplines including researchers, planters, millers, academicians, students, traders, export personnel and policy makers.

We welcome you to take this great opportunity to participate in this Congress to learn from experts and to share your knowledge and experience on matters related to the palm oil industry as well as to expand your networking with those working in the field of oils and fats businesses.

We would also encourage you to plan an extended visit to Malaysia to explore and experience the amazing and beautiful scenic destinations of our country and its people along with its tasty and delightful food.

Thank you, and we look forward to your confirmation and active participation.

With Best Wishes,

Director-General
Malaysian Palm Oil Board

TENTATIVE PROGRAMME

Day/Date

Activity

SUNDAY

17 NOVEMBER 2019

10.00 am - 6.00 pm
10.00 am - 6.00 pm
1.30 pm

Congress Pre-Registration
Technical Tour Registration
Golf Tournament

MONDAY

18 NOVEMBER 2019

7.00 am
7.30 am - 6.00 pm

8.00 am - 6.00 pm
4.00 pm - 6.00 pm

Technical Tour
ISOPB-MPOB International Seminar on Breeding for *Ganoderma*
Tolerance in Oil Palm
Congress Pre-registration
Welcome Reception

TUESDAY

19 NOVEMBER 2019

8.00 am
9.00 am
9.30 am
10.00 am

10.10 am

10.20 am

10.40 am
12.30 pm
2.00 pm
5.30 pm
8.00 pm

Congress Registration
Arrival of Participants and Guests
Arrival of YB Minister of Primary Industries, Malaysia
Arrival of YAB Prime Minister of Malaysia

Welcome Remarks by YB Puan Teresa Kok
Minister of Primary Industries, Malaysia

Keynote Address by YAB Tun Dr. Mahathir Mohamad
Prime Minister of Malaysia

Exhibition/ Posters Viewing
Lunch
Plenary Lectures
Exhibition/ Posters Viewing
Congress Dinner

WEDNESDAY

20 NOVEMBER 2019

8.30 am - 5.30 pm

Concurrent Conferences:

- Agriculture, Biotechnology & Sustainability Conference
- Chemistry, Processing Technology & Bio-Energy Conference
- Oleo & Specialty Chemicals Conference
- Global Economics & Marketing Conference
- Food, Health & Nutrition Conference

THURSDAY

21 NOVEMBER 2019

8.30 am - 5.30 pm

Concurrent Conferences:

- Agriculture, Biotechnology & Sustainability Conference
- Chemistry, Processing Technology & Bio-Energy Conference
- Oleo & Specialty Chemicals Conference
- Global Economics & Marketing Conference
- Food, Health & Nutrition Conference

THE CONGRESS

The Congress features five concurrent conferences covering upstream, midstream, oleochemicals & specialty chemicals; food, health & nutrition and global economics & marketing.

A keynote address will be delivered by the Honourable Prime Minister of Malaysia, Tun Dr. Mahathir Mohamad. Six plenary lectures will be held in the afternoon of 19 November 2019. The lectures will cover various topics of interest in line with the theme of the Congress.

Objectives:

- To discuss strategic R&D findings in all aspects of the oil palm and palm oil industry worldwide;
- To adopt recent technological findings that will improve the oil palm/palm oil industry; and
- To formulate strategies towards enhanced sustainability, competitiveness, automation and policies on trade, market trends and trade challenges.

THE VENUE

Situated at the heart of Kuala Lumpur's central business district, the Kuala Lumpur Convention Centre (KLCC) is the city's most technologically advanced, purpose-built facility for international, regional and local conventions, trade shows, public exhibitions, entertainment and private functions. Designed as a 'city within a city', KLCC offers a stimulating environment where one can work, live, shop, visit and enjoy life. Other components include a 25-ha park, the signature PETRONAS Twin Towers, the Asy'Syakirin Mosque, six-storey Suria KLCC shopping centre, PETROSAINS interactive science discovery centre, Galeri PETRONAS and the Dewan Filharmonik PETRONAS, home of the Malaysian Philharmonic Orchestra.

THE LANGUAGE

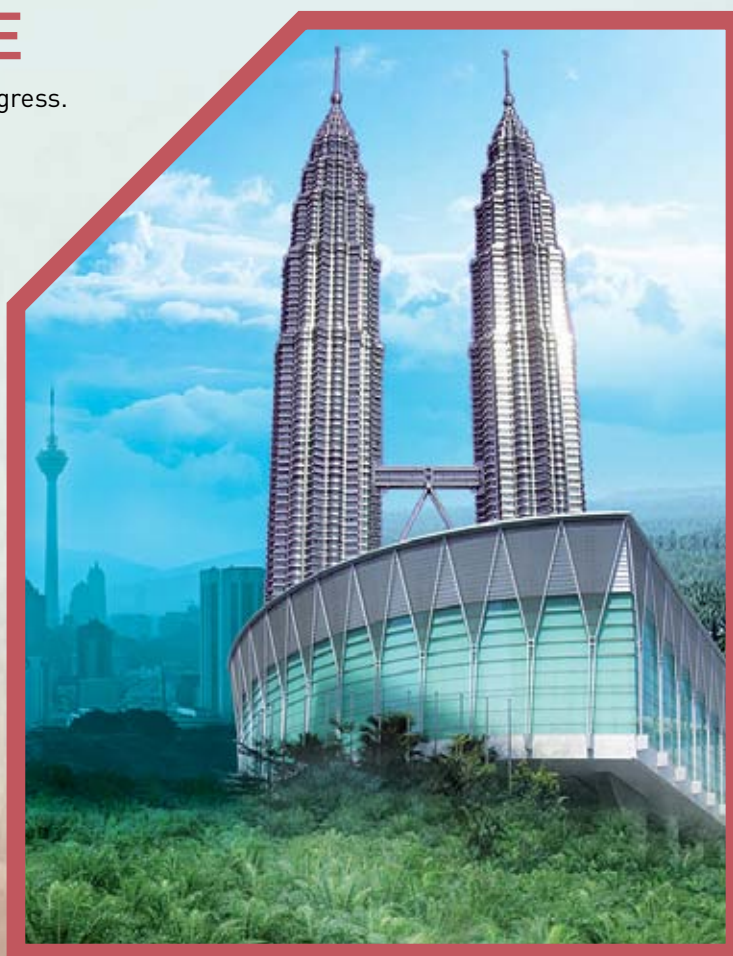
English is the official language of the Congress.

WHO SHOULD ATTEND

PIPOC 2019 caters for those involved in the oil palm, palm oil and other oils and fats industry including R&D personnel, scientists, planters, millers, traders, processors, manufacturers, economists, policy makers and academicians. The Congress will be especially useful for networking with your peers in the oils and fats industry while exchanging views and sharing new ideas.

CONGRESS ATTIRE

Office attire/ smart casual.



RELATED INTEREST

EXHIBITION

A trade exhibition will be held concurrently during the MPOB International Palm Oil Congress and Exhibition (PIPOC 2019) on 19-21 November 2019. This has become the avenue for making contacts and networking and the best way to promote products, equipment and services to attract new clients and decision-makers worldwide especially in the palm oil/ oil palm industry.

Participating at PIPOC 2019 Exhibition will provide wide business opportunities in this highly competitive market by:

- discussing your products with your new and existing clients;
- launching new products and services;
- gaining new contracts and obtaining new leads;
- meeting existing and potential working partners;
- and much more ...

About 80% of booths have already been booked. Latest updates and information, please go to: <http://pipoc.mpob.gov.my>.

For registration or enquiry, please contact: afiqah.kamal@mpob.gov.my or Tel: +603-8769 4422

GOLF

PIPOC Golf Tournament 2019 will be held on Sunday, 17 November 2019 (1.30 pm) at the Glenmarie Golf & Country Club. A fee of RM 450 (USD 169) is applicable. The game is open to interested participants and their guests.

Glenmarie Golf & Country Club is located just 13 km from the heart of Kuala Lumpur. Glenmarie Golf & Country Club boasts a lavish 36-hole golf course designed by American hand master, Max Wexler. The Garden Course which is regarded as a resort course and the Valley Course known as a championship course, provides the perfect combination of golf courses for golfers of all backgrounds.

For further information, please contact:

Dr. Mohd Hefni Rusli	mohd.hefni@mpob.gov.my	Tel: +603-8769 4473	Fax: +603-8925 8215
		+6011-1624 3302	
Mohd Naim Hamid	mdnaim@mpob.gov.my	Tel: +603-8769 4515	Fax: +603-8925 9652
		+6019-2400 048	

CONGRESS DINNER

An evening not to be missed: Participants are invited to attend the Congress Dinner on 19 November 2019, showcasing a live entertainment featuring the multicultural heritage of Malaysia. Participants may purchase extra tickets at RM 230 [Malaysian] or USD 85 [Non-Malaysian] per person for accompanying spouse and guest.

TECHNICAL TOURS

Technical tours to selected establishments will be conducted on Monday, **18 November 2019**. Participants may select one of the following options:

OPTION	TOUR	FEE	
		Malaysian (RM)	Non-Malaysian (USD)
A1: Plantation	Sime Darby Plantation Sdn. Bhd., Pulau Carey, Selangor	450	169
A2: Plantation	Pusat Pertanian Tun Razak, FELDA Jengka 21, Jerantut, Pahang	450	169
B1: Biogas	Kilang Sawit Felda Sungai Tinggi, Kuala Kubu Baru, Selangor	450	169
B2: Biogas	Sri Jelutong Palm Oil Mill, Cenergi SEA Sdn. Bhd., Pekan, Pahang	450	169
C: General Research Station	Stesen Penyelidikan MPOB Keratong, Bandar Tun Razak, Pahang	450	169
D: Smallholders	Pekebun Kecil Tn. Hj. Hariri Sadiman, Lot 2419, Jalan Masjid, Kg. Tok Muda, Klang, Selangor	450	169
E: Oleochemical Plant	Emery Oleochemical (M) Sdn. Bhd., Telok Panglima Garang, Selangor	450	169

For further enquiries, please contact:

Julia Madzuin Muda julia@mpob.gov.my Tel: +603-8769 4512 Fax: +603-8925 2850

Mohd Ramzan Rusli ramzan@mpob.gov.my Tel: +603-8769 4435 Fax: +603-8925 2850

Seats are limited and will be based on first come, first served basis with full payment.



FEES

CONGRESS REGISTRATION FEE *		
	Standard (1 July 2019 until 16 November 2019)	Walk-in (17 November 2019 until 21 November 2019)
Participant**	RM 3200 (USD 1200)	RM 3500 (USD 1300)
Poster Presenter	RM 1600 (USD 600)	NA
Student	RM 960 (USD 360)	RM 1100 (USD 450)
Licensee	RM 2800	RM 3100

****5% discounts for group registrations of 5 and more (standard participant only).**

- * Inclusive of book of abstracts, refreshments, lunches and congress dinner.
- ** To enjoy 5% group discount (5 participants and above), registration must be submitted manually by e-mail the Registration Form to the Secretariat.

TERMS AND CONDITIONS

- Request for cancellation must be made in writing.
- 100% refund will be made for written cancellation received before 1 August 2019. Refund will be issued after the Congress.
- No refund will be given for cancellation received after 1 August 2019. However, replacement is acceptable and please forward the name to MPOB.



PIPOC 2019: TENTATIVE PROGRAM

TUESDAY, 19 NOVEMBER 2019

TIME	ACTIVITY	VENUE
8.00 am - 6.00 pm	Congress Registration	L3: Banquet Hall
9.00 am	Arrival of Participants and Guests	L1: Plenary Hall Auditorium
9.30 am	Arrival of YB Minister of Primary Industries, Malaysia	
10.00 am	Arrival of YAB Prime Minister of Malaysia	
10.10 am	Welcome Remarks by YB Puan Teresa Kok Minister of Primary Industries, Malaysia	
10.20 am	Keynote Address by YAB Tun Dr. Mahathir Mohamad Prime Minister of Malaysia	
12.30 pm	Lunch	LP1: Exhibition Hall 6
2.00 pm	PL1: Agriculture, Biotechnology & Sustainability Conference Title : Sustainable Development of Oil Palm through Enhancing Conservation Practices Speaker : TBC Chairperson : Mr. R. Thayaparanathan, Sime Darby Plantation Berhad, Malaysia	L1: Plenary Hall Auditorium
2.30 pm	PL2: Chemistry, Processing Technology & Bio-Energy Conference Title : Promotion of Green Economy with Palm Oil Industry for Biodiversity Conservation in Malaysia Speaker : Prof. Dr. Yoshihito Shirai, Kyushu Institute of Technology, Japan Chairperson : Prof. Dato' Dr. Mohd Ali Hassan, Universiti Putra Malaysia, Malaysia	L1: Plenary Hall Auditorium
3.00 pm	PL3: Oleo & Specialty Chemicals Conference Title : Sustainable Green Chemistry Speaker : Prof. Paul Anastas, Yale University, USA Chairperson : Prof. Suresh Narine, Trent University, Canada	L1: Plenary Hall Auditorium
3.30 pm	Refreshments/ Exhibition/ Poster Viewing	GL: Exhibition Hall 1,2,3,4 & 5 Foyer 1,2,4 & 5
4.00 pm	PL4: Food, Health & Nutrition Conference Title : TBC Speaker : Prof. Dr. Noor Hassim Ismail, Pusat Perubatan Universiti Kebangsaan Malaysia, Malaysia Chairperson : Prof. Dr. Tony Ng Kok Wai, Universiti Tunku Abdul Rahman, Kampar, Malaysia	L1: Plenary Hall Auditorium
4.30 pm	PL5: Global Economics & Marketing Conference Title : Palm Oil Driver of Economic Sustainability Speaker : Dr. Sathia Varqa, Palm Oil Analytics, Singapore Chairperson : Datuk Mohamad Nageeb Ahmad Abdul Wahab, Malaysian Palm Oil Association, Malaysia	L1: Plenary Hall Auditorium
5.00 pm	PL6: Policy Implementation for Economics Sustainability of Palm Oil Title : Policy Implementation for Economics Sustainability on Palm Oil Speaker : Dato' Dr. Tan Yew Chong, Ministry of Primary Industries, Malaysia Chairperson : Dr. Ahmad Parveez Ghulam Kadir, Deputy Director-General (R&D), MPOB, Malaysia	L1: Plenary Hall Auditorium
8.00 pm	Congress Dinner	L3: Ballroom 1 & 2

AGRICULTURE, BIOTECHNOLOGY & SUSTAINABILITY (ABS) CONFERENCE

WEDNESDAY, 20 NOVEMBER 2019

8.30 am **Welcome Remarks** by Dr. Mohamad Arif Abd Manaf
Chairperson of Agriculture, Biotechnology and Sustainability Conference

8.40 - 9.10 am Lead Paper LP1 **SESSION 1 – AGRICULTURE**
Title: Revolutionising Upstream Sector of Oil Palm Industry
Speaker: Director-General, MPOB, Malaysia
Chairperson: Dr. Carl Traeholt, Copenhagen Zoo, Denmark

SESSION 1A: STRENGTHENING UPSTREAM MANAGEMENT PRACTICES **Chairperson:** Mr. R. Thayaparanathan, Sime Darby Plantation Berhad, Malaysia

9.10 - 9.30 am A1 **Title:** Sustainability Practices of Integrated Approach for Management of *Ganoderma* and Major Insect Pests to Increase Oil Palm Productivity
Speaker: Idris Abu Seman, MPOB, Malaysia

9.30 - 9.50 am A2 **Title:** Mechanisation Option: To Optimise Productivity and Soil Fertility
Speaker: Patrick Ng Hong Chuan, Applied Agricultural Resources Sdn. Bhd., Malaysia

9.50 - 10.10 am A3 **Title:** How to Reach 10 Tons of Oil Per Hectare Per Year: Induction of High Oleic Oil Production from Parthenocarpic Fruits in Oil Palm OxG Interspecific Hybrids
Speaker: Hernán Mauricio Romero, Cenipalma, Colombia

10.10 - 10.30 am Discussion

10.30 - 11.00 am Refreshments/ Exhibition/ Poster Viewing

SESSION 1B: ENHANCING CROP BIOSECURITY AND INTEGRATED PEST MANAGEMENT (IPM) **Chairperson:** Dr. Norman Kamarudin, International Society of Oil Palm Agronomists, Malaysia

11.00 - 11.20 am A4 **Title:** Biosecurity Risk Management and Emergency Response Plan for the Malaysian Oil Palm Industry
Speaker: Mohd Hefni Rusli, MPOB, Malaysia

11.20 - 11.40 am A5 **Title:** Weevil Stem Borer and Mesocarp-eating Beetle: New Threat to Oil Palm Plantations in Indonesia
Speaker: Hari Priwiratama, Indonesian Oil Palm Research Institute, Indonesia

11.40 - 12.00 pm A6 **Title:** Management of Oil Palm Bunch Moth (*Tirathaba mundella* Walker) in Young Mature Oil Palm Planted on Peat
Speaker: Su Chong Ming, Sarawak Oil Palm Berhad, Malaysia

12.00 - 12.30 pm Discussion

12.30 - 2.00 pm Lunch

SESSION 1C: SYSTEMS AND TECHNOLOGICAL ADVANCEMENTS FOR PRODUCTIVITY **Chairperson:** Mr. Ho Shui Hing, United Plantations Berhad, Malaysia

2.00 - 2.20 pm A7 **Title:** Remote Sensing for Aerial Detection of *Ganoderma* Basal Stem Rot Disease and Bagworm Infestation in Oil Palm
Speaker: Mohamad Izzudin Anuar, MPOB, Malaysia

AGRICULTURE, BIOTECHNOLOGY & SUSTAINABILITY (ABS) CONFERENCE

2.20 - 2.40 pm	A8	Title: Precision Farming for Sustainable Agriculture Speaker: Siva Kumar Balasundram, Universiti Putra Malaysia, Malaysia
2.40 - 3.00 pm	A9	Title: Digital Image Recognition for Palm Counting Speaker: Mohd Firdaus Asari, Sime Darby Plantation Berhad, Malaysia
3.00 - 3.20 pm	Discussion	
3.20 - 3.50 pm	Refreshments/ Exhibition/ Poster Viewing	
3.50 - 4.20 pm	Lead Paper LP2	SESSION 2 – BIOTECHNOLOGY Title: Disruptive Technologies: Impact on Crop Improvement Speaker: Yang Chang-Hsien, National Chung Hsing University, Taiwan Chairperson: Dr. Ruslan Abdullah, Malaysian Palm Oil Council, Malaysia

SESSION 2A: SYNERGISING RESOURCES AND TECHNOLOGY FOR IMPROVED PRODUCTIVITY

Chairperson: Dr. Ruslan Abdullah, Malaysian Palm Oil Council, Malaysia

4.20 - 4.40 pm	A10	Title: Harnessing Data for Oil Palm Improvement Speaker: Zulkifli Yaakub, MPOB, Malaysia
4.40 - 5.00 pm	A11	Title: Advances in Oil Palm Genomic Selection Speaker: David Cros, CIRAD, France
5.00 - 5.20 pm	A12	Title: Nanotechnology Application in Detection of Oil Palm Diseases: DNA-Nanoparticle Conjugates as Convenient, Portable and Affordable <i>Ganoderma</i> Diagnostics Speaker: Wong Lu Shin, The University of Manchester, United Kingdom
5.20 - 5.40 pm	Discussion	

THURSDAY, 21 NOVEMBER 2019

SESSION 2B: ADVANCING SCIENCE, SHIFTING PARADIGMS

Chairperson: Dr. Rajinder Singh, MPOB, Malaysia

8.30 - 8.50 am	A13	Title: Challenges in the Application of SureSawit™ Shell Speaker: Leslie Ooi Cheng-Li, MPOB, Malaysia
8.50 - 9.10 am	A14	Title: Traceability-Blockchain Technology Speaker: Bridie Ohlsson, Geora Ltd., Australia
9.10 - 9.30 am	A15	Title: Designing and Executing Optimise Breeding Programme Speaker: Steven Tanksley, Cornell University, USA
9.30 - 9.50 am	Discussion	
9.50 - 10.20 am	Lead Paper LP3	SESSION 3 – SUSTAINABILITY Title: The Sustainability Pledge: Realising the Potential Speaker: Carl Traeholt, Copenhagen Zoo, Denmark Chairperson: Assoc. Prof. Dr. Khairuddin Idris, Universiti Putra Malaysia, Malaysia
10.20 - 10.50 am	Refreshments/ Exhibition/ Poster Viewing	
10.50 - 11.10 am	Prize Giving Session for Poster Presenters	

AGRICULTURE, BIOTECHNOLOGY & SUSTAINABILITY (ABS) CONFERENCE

SESSION 3A: ENSURING SUSTAINABLE PRACTICES IN OIL PALM MANAGEMENT

Chairperson: Assoc. Prof. Dr. Khairuddin Idris, Universiti Putra Malaysia, Malaysia

- 11.10 - 11.30 am A16 **Title:** The Role of Social Capital to Increase Productivity among Oil Palm Planters
Speaker: Abdul Razak Abdul Rahman, Universiti Putra Malaysia, Malaysia
- 11.30 - 11.50 am A17 **Title:** How Does MSP0 Benefit Wildlife Conservation
Speaker: Norfariza Mohd Khalid, PERHILITAN, Malaysia
- 11.50 - 12.10 pm A18 **Title:** Development of Sustainable Management of Leaf-eating Pests of South-East Asian Oil Palms - A Historical Perspective in Relation to Outbreak Causation
Speaker: Brian J Wood, Independent Consultant in Tropical Agricultural Research, United Kingdom
- 12.10 - 12.30 pm Discussion
- 12.30 - 2.00 pm Lunch

SESSION 3B: ENHANCING BIODIVERSITY AND GHG ISSUES IN OIL PALM

Chairperson: Assoc. Prof. Dr. Abdul Rahman Abdul Rahim, Universiti Teknologi MARA, Malaysia

- 2.00 - 2.20 pm A19 **Title:** Impact on Intergration of Cattle in Improving Bird Biodiversity
Speaker: Kamil Azmi Tohiran, MPOB, Malaysia
- 2.20 - 2.40 pm A20 **Title:** Responsible Management of Tropical Peatland
Speaker: Sim Siong Fong, Universiti Malaysia Sarawak, Malaysia
- 2.40 - 3.00 pm A21 **Title:** Microbial Biodiversity in Peatland for Ecosystem Functioning
Speaker: Kim Yrjälä, University of Helsinki, Finland
- 3.00 - 3.20 pm Discussion
- 3.20 - 3.50 pm Refreshments/ Exhibition/ Poster Viewing

SESSION 4 – ABS FORUM: Data and Technology Driving Change in the Oil Palm Industry

Moderator: Dr. Ruslan Abdullah (Malaysian Palm Oil Council, Malaysia)

- 3.50 - 5.20 pm **Scope:**
1. Addressing stagnant yields
 2. Technology adoption
- Panel Discussion:**
1. Mr. Teoh Cheng Hai (International Finance Corporation, Malaysia)
 2. Mr. Azizi Meor Ngah (Foodchain, Malaysia)
 3. TBC
- Forum Coordinator:** Dr. Meilina Ong Abdullah, MPOB, Malaysia
- 5.20 - 5.30 pm **Closing Remarks** by Dr. Mohamad Arif Abd Manaf
Chairperson of Agriculture, Biotechnology and Sustainability Conference

THE END

CHEMISTRY, PROCESSING TECHNOLOGY & BIO-ENERGY (CPTB) CONFERENCE

WEDNESDAY, 20 NOVEMBER 2019

8.30 am **Welcome Remarks** by Dr. Astimar Abdul Aziz
Chairperson of Chemistry, Processing Technology and Bio-Energy Conference

SESSION 1 MILLING AND REFINING Chairperson: Mr. Ngan Teng Ye, MPOB Board Member, Malaysia

- 8.40 - 9.10 am LP1 **Title:** OER Enhancement via Enzymatic and Chemical Catalysts
Speaker: Ahmad Jaril Asis, Sime Darby, Malaysia
- 9.10 - 9.30 am C1 **Title:** Milling Efficiency
Speaker: Rohaya Mohamed Halim, MPOB, Malaysia
- 9.30 - 9.50 am C2 **Title:** Scaling-down of a Dryer Silo for Palm Kernel Using the Buckingham π theorem
Speaker: Oscar Mauricio Díaz, Palmeras de Puerto Wilches S.A, Colombia
- 9.50 - 10.10 am C3 **Title:** The Impact of Bleaching Process on Effective Reduction of Glycidylesters
Speaker: Victor Vega, Oil-Dri Corporation, Illinois
- 10.10 - 10.30 am Discussion
- 10.30 - 11.00 am Refreshments/ Exhibition/ Poster Viewing

SESSION 2 SCIENCE AND EMERGING TECHNOLOGY, ANALYTICAL AND QUALITY Chairperson: Dr. Gee Ping Tou, Palm Nutraceuticals Sdn. Bhd., Malaysia

- 11.00 - 11.30 am LP2 **Title:** Emerging Technology in Analysis of Palm Phytonutrient
Speaker: Ng Mei Han, MPOB, Malaysia
- 11.30 - 11.50 am C4 **Title:** Biochemical Conversion of Oil Palm Biomass
Speaker: Yoshihito Shirai, Kyushu Institute of Technology, Japan
- 11.50 - 12.10 pm C5 **Title:** Overview of Refined Bleached Deodorised Palm Oil (RBDPO) Quality and Stability undergo CPO Washing Technology
Speaker: Mohammad Saiful Nidzam Ismail, Sime Darby Research Sdn. Bhd., Malaysia
- 12.10 - 12.30 pm Discussion
- 12.30 - 2.00 pm Lunch

SESSION 3 BIOMASS AND BIOENERGY Chairperson: Dr. Loh Soh Kheang, MPOB, Malaysia

- 2.00 - 2.30 pm LP3 **Title:** Biomass Utilisation for Wood-based Industry
Speaker: Paridah Md Tahir, Universiti Putra Malaysia, Malaysia
- 2.30 - 2.50 pm C6 **Title:** Thermochemical Processing of Oil Palm Residual Biomass
Speaker: Alexander Gomez Mejia, Universidad Nacional de Colombia, Colombia

CHEMISTRY, PROCESSING TECHNOLOGY & BIO-ENERGY (CPTB) CONFERENCE

2.50 - 3.10 pm	C7	Title: Starch in Oil Palm Trunks: Opportunities for Valorisation Speaker: Wolter Elbersen, Wageningen Food and Biobased Research, The Netherlands
3.10 - 3.30 pm	Refreshments/ Exhibition/ Poster Viewing	
3.30 - 3.50 pm	C8	Title: Industry 4.0 in Oil Palm Industry Speaker: Thillai Raj T Ramanathan, MIMOS Berhad, Malaysia
3.50 - 4.10 pm	C9	Title: Production of Compressed Biomethane Gas from Palm Oil Mill Effluent: Thailand Case Study Speaker: Sirichai Koonaphapdeelert, Chiang Mai University, Thailand
4.10 - 4.30 pm	C10	Title: Upgrading of Pyrolysis Bio-oil Speaker: Suzana Yusuf, Universiti Teknologi Petronas, Malaysia
4.30 - 5.00 pm	Discussion	

THURSDAY, 21 NOVEMBER 2019

SESSION 4 BIOFUEL

Chairperson: Dr. Astimar Abdul Aziz, Director Engineering and Processing Division, MPOB, Malaysia

8.30 - 9.00 am	LP4	Title: Prospects of Biofuels Globally Speaker: Mohd Farid Muhammad Said, Universiti Teknologi Malaysia, Malaysia
9.00 - 9.20 am	C11	Title: B10 and Higher Blend Palm Biodiesel Implementation Speaker: Harrison Lau Lik Nang, MPOB, Malaysia
9.20 - 9.40 am	C12	Title: Global Development of Biodiesel and Challenges Speaker: UR Unnithan, Malaysian Biodiesel Association, Malaysia
9.40 - 10.00 am	C13	Title: B50, One Step Ahead of Palm Biodiesel in Indonesia Speaker: Muhammad Ansori Nasution, Indonesian Oil Palm Research Institute, Indonesia
10.00 - 10.20 am	C14	Title: Production of Jet-fuel with Bio-butanol Speaker: Jianan Zhang, Tsinghua University, China
10.20 - 10.50 am	Refreshments/ Exhibition/ Poster Viewing	
10.50 - 11.10 am	C15	Title: Current Development Status of Biodiesel in Brazil/ Latin America Speaker: Papa Matar Ndiaye, Universidade Federal do Rio de Janeiro, Brazil
11.10 - 11.30 am	C16	Title: Biodiesel Programme in Colombia: Current and Future Speaker: Carlos Grateron, National Federation of Biofuels of Colombia, Colombia
11.30 - 12.00 pm	Discussion	
12.00 - 12.30 pm	Prize Giving Session for Poster Presenters	
12.30 - 2.00 pm	Lunch	

CHEMISTRY, PROCESSING TECHNOLOGY & BIO-ENERGY (CPTB) CONFERENCE

SESSION 5 ENVIRONMENT AND SUSTAINABILITY

Chairperson: Prof. Ir. Dr. Suzana Yusuf, Universiti Teknologi Petronas, Malaysia

2.00 - 2.30 pm	LP5	Title: ILUC and EU Ban on Palm Oil Speaker: Vijaya Subramaniam, MPOB, Malaysia
2.30 - 2.50 pm	C17	Title: Attaining BOD20 with a Revenue Stream using Aqua-Eco Speaker: Andrew Liew, Aqua Ecotech Sdn. Bhd., Malaysia
2.50 - 3.10 pm	C18	Title: Dissolution in Ionic Liquids: An Environmentally-sustainable Approach for the Pretreatment of Lignocellulosic Biomass Speaker: Douglas G. Hayes, University of Tennessee, USA
3.10 - 3.30 pm	Refreshments/ Exhibition/ Poster Viewing	
3.30 - 3.50 pm	C19	Title: Particulate Emission Control Technologies Speaker: Zainal Arif Nazir, FGV Holdings Berhad, Malaysia
3.50 - 4.10 pm	C20	Title: Evaluation of Odour Emission in Palm Oil Mill Speaker: Nastaein Qamaruz Zaman, Universiti Sains Malaysia, Malaysia
4.10 - 4.30 pm	C21	Title: Continous Emission Monitoring Systems on Palm Oil Mill Boilers Speaker: John Henning de Kock, Excel Air Engineering Sdn. Bhd., Malaysia
4.30 - 5.00 pm	Discussion	
5.00 - 5.20 pm	Closing Remarks by Dr. Astimar Abdul Aziz Chairperson of Chemistry, Processing Technology and Bio-Energy Conference	

THE END



OLEO AND SPECIALTY CHEMICALS (OSC) CONFERENCE

WEDNESDAY, 20 NOVEMBER 2019

8.30 - 8.40 am **Welcome Remarks** by Dr. Zainab Idris
Chairperson of Oleo and Specialty Chemicals Conference

SESSION 1 TITLE: SUSTAINABLE OLEOCHEMICAL DEVELOPMENT Chairperson: Dr. Yeong Shoot Kian, MPOB, Malaysia

- 8.40 - 9.10 am LP1 **SESSION 1**
Title: Managing Advances and Breakthroughs in Oleochemicals for Sustainable Supply Chain
Speaker: Zainab Idris, MPOB, Malaysia
-
- 9.10 - 9.30 am OS1 **Title:** Microbial Biosurfactants: Current Trend and Future Applications in Relation to the Palm Oil Industries
Speaker: Ibrahim Banat, University of Ulster, United Kingdom
-
- 9.30 - 9.50 am OS2 **Title:** Sustainable Microbial Degradation of Palm Oil in Natural Seawater and Identification of Bacterial Consortium
Speaker: Kesaven Bhubalan, Universiti Malaysia Terengganu, Malaysia
-
- 9.50 - 10.10 am OS3 **Title:** Vision for a Palm Oleochemical Biorefinery
Speaker: Patrick Foley, P2 Science, USA
-
- 10.10 - 10.30 am Discussion
-
- 10.30 - 11.00 am Refreshments/ Exhibition/ Poster Viewing

SESSION 2A TITLE: GREENER PROCESSES AND MATERIALS Chairperson: Prof. Ibrahim Banat, University of Ulster, United Kingdom

- 11.00 - 11.30 am LP2 **SESSION 2**
Title: Bio-based Surfactants: An Expanding Product Sector Ripe for Opportunities for Oil Palm
Speaker: Douglas G. Hayes, University of Tennessee, USA
-
- 11.30 - 11.50 am OS4 **Title:** Enzymatic Synthesis of Sugar Alcohol Esters as Non-Ionic Bio-based Surfactant
Speaker: Arniza Mohd Zan, MPOB, Malaysia
-
- 11.50 - 12.10 pm OS5 **Title:** Glycerol-mediated Synthesis of TiO₂ Photocatalyst
Speaker: Chong Fai Kait, Universiti Teknologi Petronas, Malaysia
-
- 12.10 - 12.30 pm Discussion
-
- 12.30 - 2.00 pm Lunch

SESSION 2B TITLE: GREENER PROCESSES AND MATERIALS Chairperson: Prof. Ibrahim Banat, University of Ulster, United Kingdom

- 2.00 - 2.20 pm OS6 **Title:** Thermoplastic Urethanes: Odd-Even Effect of Diol Chain Length of Azelate Polyols
Speaker: Tuan Noor Maznee Tuan Ismail, MPOB, Malaysia

OLEO & SPECIALTY CHEMICALS (OSC) CONFERENCE

2.20 - 2.40 pm	OS7	Title: Enhanced Biosurfactant Production and Exploitation - A Platform Approach Speaker: James Winterburn, Holiferm, Manchester, United Kingdom
2.40 - 3.00 pm	OS8	Title: A Perspective on Catalytic Conversion of Glycerol to Value Added Chemicals Speaker: Zaki Yamani Zakaria, Universiti Teknologi Malaysia, Malaysia
3.00 - 3.20 pm	Discussion	
3.20 - 3.50 pm	Refreshments/ Exhibition/ Poster Viewing	

SESSION 3

TITLE: OLEOCHEMICALS FOR SUSTAINABLE CONSUMER PRODUCTS

Chairperson: Prof. Douglas G. Hayes, University of Tennessee, USA

3.50 - 4.20 pm	LP3	SESSION 3 Title: Transformative Lubricants and Energy Storage Materials from Vegetable Oils Speaker: Suresh Narine, Trent University, Canada
4.20 - 4.40 pm	OS9	Title: Palm-based Microemulsion for Consumer Products Speaker: Ismail Ab. Rahman, MPOB, Malaysia
4.40 - 5.00 pm	OS10	Title: Sustainable Use of Palm Oil-based Surfactants for Detergents Speaker: Fumiya Niikura, Lion Corporation, Japan
5.00 - 5.20 pm	OS11	Title: Clinical Dermatology: Topical Application of Palm Tocotrienol Enhances Cutaneous Wound Healing in Diabetes Speaker: Zaizuhana Shahrim, MPOB, Malaysia
5.20 - 5.40 pm	Discussion	

THURSDAY, 21 NOVEMBER 2019

SESSION 4A

TITLE: CUTTING EDGE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

Chairperson: Mr. Abu Talib Abd Rahman, Lekir Energy Sdn. Bhd., Malaysia

8.30 - 9.00 am	LP4	SESSION 4 Title: Novel Technology for Sustainable Oleochemical Industry Speaker: Taku Mimura, Kao, Japan
9.00 - 9.20 am	OS12	Title: Innovation in Surfactant Speaker: Sunil Bhagwat, Institute of Chemical Technology, India
9.20 - 9.40 am	OS13	Title: Development of Radiation Induced Fibrous Catalyst for Oleochemical Applications Speaker: Nor Hasimah Mohamed, Malaysian Nuclear Agency, Malaysia
9.40 - 10.00 am	OS14	Title: Leveraging Modelling for Palm Oil Conversion Profitability and Sustainability Speaker: Ron Beck, AspenTech, USA
10.00 - 10.20 am	Discussion	
10.20 - 10.50 am	Refreshments/ Exhibition/ Poster Viewing	

OLEO & SPECIALTY CHEMICALS (OSC) CONFERENCE

SESSION 4B

TITLE: CUTTING EDGE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

Chairperson: Mr. Abu Talib Abd Rahman, Lekir Energy Sdn. Bhd., Malaysia

10.50 - 11.10 am	OS15	Title: Dividing Wall Column for Fatty Acids Fractionation Speaker: Yang Quan, Sulzer, Singapore
11.10 - 11.30 am	OS16	Title: Glycerine to Epichlorohydrin Technology Speaker: Marc Manyeres, TechnipFMC, France
11.30 - 11.50 am	OS17	Title: Enzymes for Esterification and Hydrolysis at Industrial Scale Speaker: Hans Christian Holm, Novozymes, Denmark
11.50 - 12.10 pm	Discussion	
12.10 - 12.30 pm	Prize Giving Session for Poster Presenters	
12.30 - 2.00 pm	Lunch	

OSC FORUM

BALANCING SUSTAINABILITY PILLARS FOR PALM OLEOCHEMICALS

Moderator: Prof. Paul Anastas, Yale University, USA

2.00 - 5.00 pm	Panel Discussion: 1. Mr. Cheng Yin Tiong (Lipidchem, Malaysia) 2. Mr. Abu Talib Abd Rahman (Lekir Energy Sdn. Bhd., Malaysia) 3. Mr. Neil A Burns (P2 Science, USA)
5.00 - 5.30 pm	Closing Remarks by Dr. Zainab Idris Chairperson of Oleo and Specialty Chemical Conference

THE END

FOOD, HEALTH & NUTRITION (FHN) CONFERENCE

WEDNESDAY, 20 NOVEMBER 2019

8.30 - 8.40 am **Welcome Remarks** by Rosidah Radzian,
Chairperson of Food, Health and Nutrition Conference

SESSION 1

FOOD & FEED INNOVATION

Chairperson: Dr. Noor Lida Habi Mat Dian, MPOB, Malaysia

8.40 - 9.10 am	LP1	Title: Balancing Fat Composition in Commercial Foods: New Frontiers in Food Innovation Speaker: Mahinda Abeywardena, CSIRO - Health and Biosecurity, Australia
9.10 - 9.30 am	F1	Title: TBC Speaker: TBC
9.30 - 9.50 am	F2	Title: Enzymatic Synthesis, Encapsulation and Anti-obesity Effect of Palm-based Medium-and Long-chain Triacylglycerol Functional Oil Speaker: Lee Yee Ying, Monash University, Malaysia
9.50 - 10.10 am	F3	Title: Production of Palm and Palm Kernel Oil Based Specialty Fats through Fractionation and Interesterification Speaker: Liew Sin Lu, Desmet Ballestra (M) Sdn. Bhd., Malaysia
10.10 - 10.30 am		Discussion
10.30 - 11.00 am		Refreshment/ Exhibition/ Poster Viewing
11.00 - 11.20 am	F4	Title: Engineering CBE Properties to Create a True Cocoa Butter Mimetic from Palm Midfraction and Shea Stearin: The Key Role of POS Speaker: Alejandro Gregorio Marangoni, University of Guelph, Canada
11.20 - 11.40 am	F5	Title: Development and Characterisation of Nanoemulsions Modulated by Nanofibrils Network and Emulsifiers with Different Stabilising Mechanisms Speaker: Tan Chin Ping, Universiti Putra Malaysia, Malaysia
11.40 - 12.00 pm	F6	Title: Improving Livestock Production and Mitigating the Environmental Impact of Animal Agriculture through Sustainable Feed Sources from Oil Palm Speakers: Goh Yong Meng, Universiti Putra Malaysia, Malaysia
12.00 - 12.20 pm	F7	Title: Palm Oil as a Sustainable Lipid Source in the Global Aquaculture Feed Industry Speaker: Ng Wing Keong, Universiti Sains Malaysia, Malaysia
12.20 - 12.30 pm		Discussion
12.30 - 2.00 pm		Lunch

SESSION 2

FOOD SAFETY AND QUALITY

Chairperson: Ms. Norrani Eksan, Ministry of Health, Malaysia

2.00 - 2.30 pm	LP2	Title: Management of Food Safety and Quality in Oil Palm Supply Chain in Malaysia Speaker: Rosidah Radzian, MPOB, Malaysia
2.30 - 2.50 pm	F8	Title: CPO Washing to Produce Low 3-MCPD Oil: Sime Darby Experience Speaker: Nik Mohd Farid Mat Yasin, Sime Darby Research Sdn. Bhd., Malaysia

FOOD, HEALTH & NUTRITION (FHN) CONFERENCE

2.50 - 3.10 pm	F9	Title: Development of Precise and Moderate Processing of Edible Oil in China Speaker: Yong Wang, Jinan University, Guang Zhou, China
3.10 - 3.30 pm	Discussion	
3.30 - 4.00 pm	Refreshment/ Exhibition/ Poster Viewing	
4.00 - 4.20 pm	F10	Title: Managing Environmental Contaminations along the Oil Palm Supply Speaker: Norizah Halim, MPOB, Malaysia
4.20 - 4.40 pm	F11	Title: Mitigation Strategies for 3-MCPD Esters and Glycidol Esters during Vegetable Oil Refining Speaker: Nils Hinrichsen, ADM Research GmbH Hamburg, Germany
4.40 - 5.00 pm	F12	Title: Standardisation Work for Determination of MOSH and MOAH in Vegetable Oils Speaker: Florence Lacoste, France Institute Fats and Oils, France
5.00 - 5.15 pm	Discussion	

THURSDAY, 21 NOVEMBER 2019

SESSION 3 NUTRITION AND METABOLISM

Chairperson: Ms. Zalma Abdul Razak, Ministry of Health, Malaysia

8.30 - 9.00 am	LP3	Title: Postprandial Effects of Interesterified vs. Non-interesterified Fats Speaker: Scott Harding, Memorial University, Canada
9.00 - 9.20 am	F13	Title: The Immune-boosting Potential of Palm Tocotrienols Speaker: Kanga Rani Selvaduray, MPOB, Malaysia
9.20 - 9.40 am	F14	Title: Combination of Palm Tocotrienols and Dendritic Cells in Suppressing 4T1 Tumours in BALB/C Mice Speaker: Sitti Rahma Abdul Hafid, MPOB, Malaysia
9.40 - 10.00 am	F15	Title: Effects of Aging and Tocotrienol-rich Fraction Supplementation on Brain Arginine Metabolism in Rats Speaker: Mohd Hanafi Ahmad Damanhuri, Universiti Kebangsaan Malaysia, Malaysia
10.00 - 10.15 am	Discussion	
10.15 - 10.30 am	Refreshment/ Exhibition/ Poster Viewing	

SESSION 4 CLINICAL AND TRANSLATIONAL EVIDENCE

Chairperson: Prof. Madya Dr. Rokiah Don, International Medical University, Malaysia

10.30 - 11.00 am	LP4	Title: Update on Clinical Studies on Tocotrienols Rich Vitamin E in Diabetes Speaker: Khalid Abdul Kadir, Monash University, Malaysia
11.00 - 11.20 am	F16	Title: Vitamin E Family and Alzheimer's Disease: Closing the Gap between Observation and Intervention Studies Speaker: Francesca Mangialasche, Care Sciences and Society (NVS), Sweden

FOOD, HEALTH & NUTRITION (FHN) CONFERENCE

11.20 - 11.40 am	F17	Title: Red Palm Oil in Addressing Vitamin A Deficiency - School Program in Malaysia Speaker: Radhika Loganathan, MPOB, Malaysia
11.40 - 12.00 pm	F18	Title: Tocotrienol-rich Fraction Attenuates UV-induced Inflammaging: A Bench to Bedside Study Speaker: Wei Ney Yap, Davos Life Science, Singapore
12.00 - 12.15 pm	Discussion	
12.15 - 12.30 pm	Prize Giving Ceremony of Best Poster	
12.30 - 2.00 pm	Lunch	

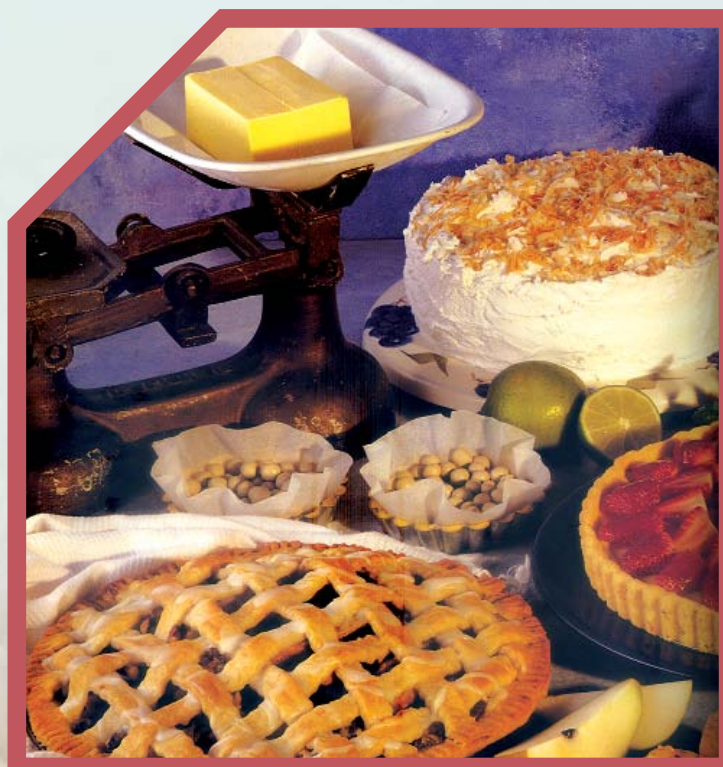
NUTRITION FORUM

Nutrition and Lifestyle - Are We Ready for the Aging Society?

Moderator: YM Prof. Dato' Dr. Tengku Aizan Hamid, Universiti Putra Malaysia, Malaysia

2.00 - 4.00 pm	Panel Discussion:	<ol style="list-style-type: none"> 1. Prof. Dr. Khalid Abdul Kadir (TBC) 2. Dr. Francesca Mangialasche, NVS, Sweden 3. Dr. Hafiz Sulaiman, Pertubuhan Doktor-Doktor Islam Malaysia (PERDIM), Malaysia
4.00 pm	Closing Remarks by Rosidah Radzian, Chairperson of Food, Health and Nutrition Conference	

THE END



GLOBAL ECONOMICS AND MARKETING (GEM) CONFERENCE

WEDNESDAY, 20 NOVEMBER 2019

8.30 am **Welcome Remarks** by Mr. Balu Nambiappan,
Chairperson of Global Economics and Marketing Conference

SESSION 1 ENHANCING SUSTAINABLE SOCIAL STANDARD Chairperson: Tan Sri Datuk Dr. Yusof Basiron, Malaysia

8.40 - 9.10 am	LP1	Title: Leveraging Oil Palm Industry Opportunity to Enhance Living Standards Speaker: Pietro Paganini, COMPETERE, Italy
9.10 - 9.30 am	EM1	Title: Uplifting of the Economic and Social Standing of Thai Oil Palm Farmers Speaker: Asanee Mallamphut, Marakot Industries Public Company Limited, Thailand
9.30 - 9.50 am	EM2	Title: Participating of Local Youth toward Career in Oil Palm Plantation Speaker: Mohammad Amizi Ayob, Universiti Malaysia Kelantan, Malaysia
9.50 - 10.10 am	Discussion	
10.10 - 10.40 am	Refreshments/ Exhibition/ Poster Viewing	
10.40 - 11.00 am	EM3	Title: Integration on Eco-Tourism with Oil Palm Agro-Business Speaker: Sharif Ali Jabad Ali, Sahom Valley Agro and Eco Resort, Malaysia
11.00 - 11.20 am	EM4	Title: Ensuring Equality in the Oil Palm Value Chain Speaker: Mahbob Abdullah, IPC Services, Malaysia
11.20 - 11.40 am	EM5	Title: Best Practices in Uplifting Oil Palm Employees' Welfare Speaker: Mohamad Helmy Othman Basha, Sime Darby Plantation Berhad, Malaysia
11.40 - 12.00 pm	EM6	Title: Raising Social Standard for Oil Palm Plantation's Workers Speaker: Azman Ismail, MPOB, Malaysia
12.00 - 12.30 pm	Discussion	
12.30 - 2.00 pm	Lunch	

SESSION 2 SUSTAINABLE PALM OIL FOR PRESERVING THE PLANET Chairperson: Datuk Franki Anthony Dass, Sime Darby Plantation Berhad, Malaysia

2.00 - 2.30 pm	LP2	Title: Current Challenges and Opportunities for Sustainable Palm Oil Production Speaker: Surina Ismail, IOI Corporation, Malaysia
2.30 - 2.50 pm	EM7	Title: Moving Forward with Mandatory MSPO Certification Standards Speaker: Sanath Kumaran, Malaysian Palm Oil Certification Council, Malaysia

GLOBAL ECONOMICS & MARKETING (GEM) CONFERENCE

2.50 - 3.10 pm	EM8	Title: Economic Sustenance through Conservation Efforts Speaker: Yatela Zainal Abidin, Yayasan Sime Darby, Malaysia
3.10 - 3.30 pm	Discussion	
3.30 - 4.00 pm	Refreshments/ Exhibition/ Poster Viewing	
4.00 - 4.20 pm	EM9	Title: Investment and Financing Opportunities for Sustainable Palm Oil Speaker: TBC
4.20 - 4.40 pm	EM10	Title: Biomass – Waste to Wealth in Oil Palm Speaker: Leong Kin Mun, Malaysia Biomass Industries Confederation, Malaysia
4.40 - 5.00 pm	EM11	Title: Enhancing Palm-based Oleochemicals for Niche Markets Speaker: TBC
5.00 - 5.30 pm	Discussion and End of Day 2	

THURSDAY, 21 NOVEMBER 2019

SESSION 3

SUSTAINING PALM OIL ECONOMIC COMPETITIVENESS

Chairperson: Dr. Sugumari S. Shanmugam, Ministry of Primary Industries, Malaysia

8.30 - 9.00 am	LP3	Title: Sustainable Oil Palm Industry towards Prosperous Economy Speaker: Kalyana Sundram, Malaysian Palm Oil Council, Malaysia
9.00 - 9.20 am	EM12	Title: Managing CPO Price Volatility Speaker: Sathia Varqa, Palm Oil Analytics, Singapore
9.20 - 9.40 am	EM13	Title: Impact of the Indian Tax Structure on Palm Oil Market Speaker: Ali Muhammad Lakdawala, ITC Ltd., India
9.40 - 10.10 am	Discussion	
10.10 - 10.40 am	Refreshments/ Exhibition/ Poster Viewing	
10.40 - 11.00 am	EM14	Title: Current Issues and Developments Shaping the Edible Oil Industry in Pakistan and Middle East Speaker: Johari Minal, MPOB, Pakistan
11.00 - 11.20 am	EM15	Title: Oil Palm Challenges Amidst Global Trade War Speaker: Mohd Fairus Hidzir, MPOB, USA
11.20 - 11.40 am	EM16	Title: Palm Oil Downstream Industry – The Way Forward Speaker: Mohd Haris Mohd Arshad, Sime Darby Oils Berhad, Malaysia
11.40 - 12.00 pm	Discussion	
12.00 - 12.30 pm	Prize Giving Session for Poster Presenters	
12.30 - 2.00 pm	Lunch	

GLOBAL ECONOMICS & MARKETING (GEM) CONFERENCE

SESSION 4 ENHANCING SUSTAINABLE GLOBAL PARTNERSHIP

Chairperson: Prof. Dr. Zarinah Hamid, International Islamic University Malaysia, Malaysia

2.00 - 2.30 pm	LP4	Title: Mega Cooperation between Malaysian MNCs and Their Partners – The Pakistan’s Experience Speaker: Azman Ahmad, FGV Holdings Berhad, Malaysia
2.30 - 2.50 pm	EM17	Title: Global Collaboration with Palm Oil Producing Countries Speaker: Mohammad Fadhil Hassan, Indonesia
2.50 - 3.10 pm	EM18	Title: Sustainable Palm Oil for Global Partnership in Africa Speaker: Ranveer Chauhan, Akwaaba Ventures Pte Ltd., Singapore
3.10 - 3.30 pm	Discussion	
3.30 - 4.00 pm	Refreshments/ Exhibition/ Poster Viewing	
4.00 - 4.20 pm	EM19	Title: Enhancing Sustainable Image of Malaysian Palm Oil among NGOs Speaker: Suresh Motwani, Solidaridad Network, India
4.20 - 4.40 pm	EM20	Title: Green Financial Risk Assessment for Palm Oil Industry Speaker: Lam Hon Loong, Nottingham University, Malaysia
4.40 - 5.00 pm	EM21	Title: Global Partnership to Sustain Palm Oil Prices Speaker: James Fry, LMC International, United Kingdom
5.00 - 5.20 pm	Discussion	
5.20 - 5.30 pm	Closing Remarks by Mr Balu Nambiappan, Chairperson of Global Economics and Marketing Conference	

THE END



GENERAL CONDITIONS

- It is expressly agreed that the members of the Organising Committee, MPOB and their legal representatives, Directors and officers/ employees, and their agents shall not be liable for any loss, injury or damage of any kind whatsoever suffered directly or indirectly by the person, possessions or property of any Congress participant or other person during or in connection with the events of the programmes or any other activities of the Congress, for any reason whatsoever. Without prejudice to the generality of the foregoing provision, any liability, if any, shall be limited to a refund of fees received from the aggrieved person.
- It is agreed that the Organising Committee, MPOB and their agents and officers reserve the right to cancel at anytime any or all of the programmes or other activities if this should appear necessary as a result of events which are beyond their control or which they cannot reasonably be expected to influence or for which they are not responsible; such events shall include but are not limited to force majeure, government or other official regulations, natural disasters, strikes of any kind whatsoever, civil disorders or riots, obstruction or curtailment of transport and/ or transmission facilities, insurrection or other crisis, or any other unforeseen occurrence. The decisions regarding the necessity for such cancellations shall be taken by the Organising Committee, MPOB and their agents at their sole discretion and shall be final.
- The Organisers reserve the right to make changes to the programmes without prior notice whether in terms of papers, speakers, chairperson, schedules or any other aspects.



ACCOMMODATION

Hotels around the Congress venue offer attractive rates to participants. Participants are advised to make their reservations directly with hotels of their choice.



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REGISTRATION FORM



PIPOC 2019

19-21 NOVEMBER 2019 • KUALA LUMPUR CONVENTION CENTRE, MALAYSIA

Note: Kindly provide the required information about yourself in helping us to serve you better. Please tick (✓) at the relevant box.

Name: Salutation:

Organisation:

Industry/ sector:

Address:

City: State:

Country: Nationality:

Designation: I.C./Passport No.:

Telephone: Fax: E-mail:

Special Dietary Request (Vegetarian): Yes No

Remarks:

A. I. CONFERENCE MODULE (19-21 NOVEMBER 2019) (Please tick one only):

- Agriculture, Biotechnology & Sustainability
- Food, Health & Nutrition
- Global Economics & Marketing
- Chemistry, Processing Technology & Bio-Energy
- Oleo & Specialty Chemicals

II. PARTICIPATION STATUS

- MPOB Licensee MPOB Licensee No.:
- Normal
- Student Student ID:

III. CONGRESS FEE

Congress Registration Fee*	RM (Malaysian)	USD (Non-Malaysia)
Participants		
Standard (1 July 2019 – 16 November 2019)	3200	1200
Walk-in participants (17 November 2019- 21 November 2019)	3500	1300
Poster presenter (Industry)	1600	600
Student	960	360
Walk-in student	1100	450
5% discount for group registration of 5 and more persons (standard participant only)		
MPOB Licensee		
Standard (1 July 2019 – 16 November 2019)	2800	-
Walk-in MPOB Licensee (17 November 2019 - 21 November 2019)	3100	-

***Inclusive of book of abstracts, refreshments, lunches and congress dinner**

IV. CONGRESS DINNER (19 NOVEMBER 2019)

- I will attend I will not attend
- Congress Dinner (Inclusive of Congress Fee)

V. ADDITIONAL TICKET(S) FOR CONGRESS DINNER

Quantity: x RM 230/ USD 85 Amount:

B. TECHNICAL TOURS (18 NOVEMBER 2019) * Please refer to page 7 for Technical Tours.
All tours has been confirmed.



Rate: **RM 450/ USD 169** each (Held concurrently and exclusive of conference fee)

I wish to participate/ sponsor the following guest(s):

Option A1: PLANTATION - Sime Darby Plantation Sdn. Bhd., Pulau Carey, Selangor

Name: 1. 2.

Option A2: PLANTATION - Pusat Pertanian Tun Razak, FELDA Jengka 21, Jerantut, Pahang

Name: 1. 2.

Option B1: BIOGAS - Kilang Sawit Felda Sungai Tenggi, Kuala Kubu Baru, Selangor

Name: 1. 2.

Option B2: BIOGAS - Sri Jelutong Palm Oil Mill, Cenergi SEA Sdn. Bhd., Pekan, Pahang

Name: 1. 2.

Option C: GENERAL RESEARCH STATION - Stesen Penyelidikan MPOB Keratong, Bandar Tun Razak, Pahang

Name: 1. 2.

Option D: SMALLHOLDERS - Pekebun Kecil Tn. Hj. Hariri Sadiman, Lot 2419, Jalan Masjid, Kg. Tok Muda, Klang, Selangor

Name: 1. 2.

Option E: OLEOCHEMICAL PLANT - Emery Oleochemical (M) Sdn. Bhd., Telok Panglima Garang, Selangor

Name: 1. 2.

C. PIPOC 2019 GOLF CHALLENGE TROPHY (In conjunction with MPOB PIPOC 2019 - Registration Closing Date: 1 October 2019)

Venue: **Glenmarie Golf & Country Club, Shah Alam, Selangor** • Date: **Sunday, 17 November 2019** • Tee off: **1.30 pm**

I wish to participate in the above tournament and my particulars are as follows:

Name: T-shirt:

Organisation:

Telephone/ Handphone: Fax: E-mail:

Membership No.: Current Handicap:

I wish to participate/ sponsor: Quantity x @RM 450/ USD 169 Amount:

Contact persons: **Dr. Mohd Hefni Rusli** (mohd.hefni@mpob.gov.my/ +603-8769 4473)

Mohd Naim Hamid (mdnaim@mpob.gov.my/ +603- 8769 4515)

TOTAL AMOUNT DUE: AMOUNT A (III + IV + V) + AMOUNT B + AMOUNT C

FORM OF PAYMENT

- My cheque payable to "MPOB" for the above total amount due is enclosed (Cheque No.:)
- Payment is made by Telegraphic Transfer (T/T) for the above total amount due.

Beneficiary : **MALAYSIAN PALM OIL BOARD**
Bank Beneficiary : **CIMB Islamic Bank Berhad**
Tingkat Bawah dan Tingkat Satu
Blok A-2 & A-3, MKH Avenue
Jalan Avenue 1A
43000 Kajang, Selangor, Malaysia.

SWIFT CODE : **CTBBMYKL**
CIMB Bank Current Account No.: **8600471810**

- * Please send a copy of the bank-in slip for tracing payment.
- * All bank charges must be borne by the participant.

- Please charge my card for the above total amount due.

Credit Card Number

Expiry Date / Visa MasterCard

Name as printed on card Cardholder Signature

Send in your completed registration form with payment to:

Director-General
Malaysian Palm Oil Board (MPOB)
6, Persiaran Institusi, Bandar Baru Bangi,
43000 Kajang, Selangor, Malaysia
(Attn: Training and Conference Management Unit)
Fax : 603-8925 7549/ 8926 1202
E-mail : pipoc@mpob.gov.my

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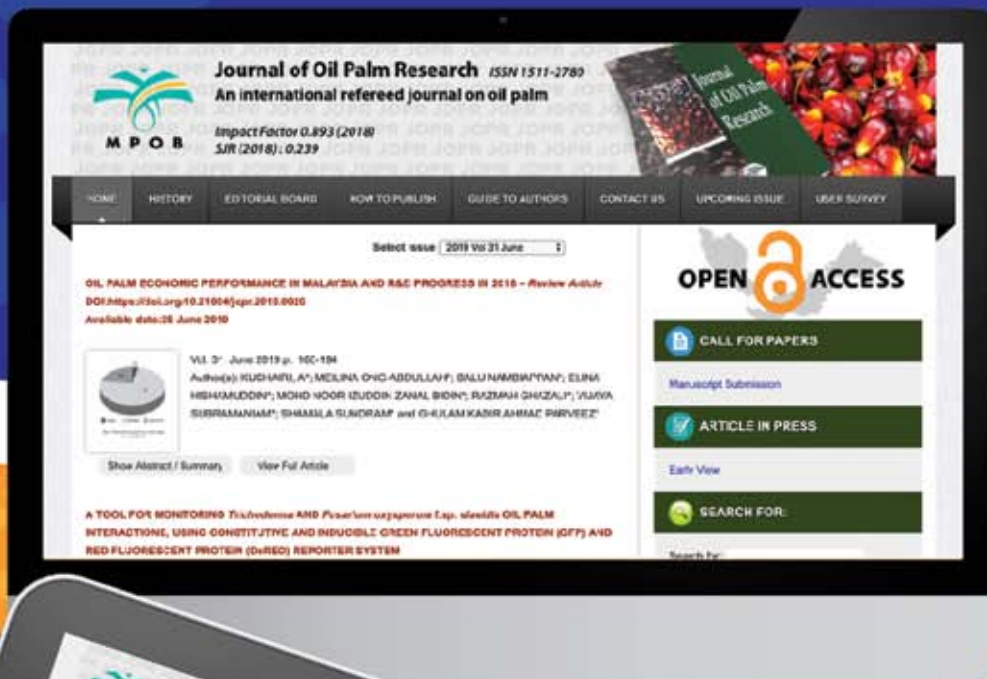
3 Ms Siti Norhamimah Ibrahim
Tel : +603-8769 4419
E-mail : norhamimah@mpob.gov.my
Fax : +603-8926 1327



For more information:
Contact: pipoc@mpob.gov.my
Visit: pipoc.mpob.gov.my

Journal of Oil Palm Research Microsite

This website contains high-quality scientific papers of oil palm and palm oil. All articles are accessible free of charge.



visit @ <http://jopr.mpob.gov.my>

ANNOUNCEMENT

International Seminar on

Breeding for *Ganoderma* Tolerance in Oil Palm



Conference Hall 1, Level 3,
Kuala Lumpur Convention Centre,
Kuala Lumpur
Monday, 18 November 2019

Jointly Organised by:



The International
Society for
Oil Palm Breeders
isopb.mpob.gov.my



Malaysian Palm Oil
Board
www.mpob.gov.my

INTRODUCTION

The International Society for Oil Palm Breeders (ISOPB) and Malaysian Palm Oil Board (MPOB) are organising the International Seminar on Breeding for *Ganoderma* Tolerance in Oil Palm on 18 November 2019 in Kuala Lumpur, Malaysia.

This seminar is organised in conjunction with the International Palm Oil Congress and Exhibition (PIPOC) on 19-21 November 2019.

OBJECTIVES

- To review the current breeding programme on *Ganoderma* tolerance in oil palm; and
- To encourage interaction and collaboration in the science of breeding for *Ganoderma* tolerance.

WHO SHOULD ATTEND

The seminar is targeted for plant breeders, seed producers, nursery operators, tissue culturists, biotechnologists, agronomists, entomologists, plant pathologists, plant physiologists, policy makers, planters, managers, researchers, academia, consultants, students and those interested in oil palm breeding and seed production.

TENTATIVE SEMINAR PROGRAMME

Seminar covers the following topics:

- Ganoderma* biology, epidemiology and etiology
- Screening progenies for *Ganoderma* tolerance
- Breeding design suitable for disease screening
- Ganoderma* disease assessment
- Molecular studies in *Ganoderma*
- Cultural practices and disease management

REGISTRATION FEE

- ISOPB member USD125 / RM500
- Non-member USD175 / RM700

The fee covers seminar materials, lunch and refreshments. Participants are responsible for their travel, insurance and hotel accommodation. Registration form with full payment is to be received by the Secretariat before **15 October 2019**. Confirmation of registration will be issued upon receipt of full payment.

CORRESPONDENCE

For enquiries, please contact:

The Secretariat
The International Society for
Oil Palm Breeders (ISOPB)
c/o MPOB, 6, Persiaran Institusi,
Bandar Baru Bangi,
43000 Kajang, Selangor, Malaysia

TECHNICAL

Dr. N. Rajanaidu
E-mail: rajanaidu45@gmail.com
HP/WhatsApp: +6012-2056 876

REGISTRATION

Ms. Azleha Dollah
E-mail: secretariat.isopb@gmail.com
HP/WhatsApp: +6010-6531 515
Fax: +603-8926 1995

MODE OF PAYMENT

Payment by cheque or bank draft is to be made payable to **The International Society for Oil Palm Breeders**.

Payment via telegraphic transfer:

Name: The International Society for Oil Palm Breeders
Account number: 8002249024
Swift code: CIBBMYKL
Address: CIMB Bank, Ground & First Floor,
Block A-2 & A-3, MKH Avenue, Jalan Avenue
1A, 43000 Kajang, Selangor, Malaysia

All bank charges are to be borne by the participant. Kindly fax or email a copy of the telegraphic transfer slip to:

Ms. Azleha Dollah/ Secretariat
Fax : +603-8926 1995
E-mail : secretariat.isopb@gmail.com
HP/ WhatsApp : +6010-6531 515

Cancellation and Refund Policy

A refund of 50% will be made for written cancellation received by 15 September 2019. Refund will not be applicable thereafter. A substitute participant is allowable at no additional cost.

REGISTRATION FORM

International Seminar on Breeding for *Ganoderma* Tolerance in Oil Palm

Conference Hall 1, Level 3,
Kuala Lumpur Convention Centre,
Kuala Lumpur, Malaysia

Monday, 18 November 2019

Salutation: Prof/ Dr/ Mr/ Ms/ Others _____

(Please circle appropriate salutation. For 'Others', please indicate)

Name: _____

Designation: _____

Organisation: _____

Address: _____

Phone: _____

Fax: _____

E-mail: _____

Mode of payment

(please mark "X" in appropriate box):

Cheque/ Bank draft number _____

Telegraphic transfer

payable to **'The International Society for Oil Palm Breeders'**, for the amount of _____
(please mark 'X' in appropriate box):

ISOPB member USD125 / RM500

Non-member USD175 / RM700

Payment via telegraphic transfer:

Name: The International Society for Oil Palm Breeders

Account number: 8002249024

Swift code: CIBBMYKL

Address: CIMB Bank, Ground & First Floor, Block A-2 & A-3, MKH Avenue, Jalan Avenue 1A, 43000 Kajang, Selangor, Malaysia

Please submit this form to:

The Secretariat,
The International Society for Oil Palm Breeders (ISOPB) c/o Malaysian Palm Oil Board (MPOB), No. 6, Persiaran Institusi, Bandar Baru Bangi, 43000 Kajang, Selangor, Malaysia
(Attn: Ms. Azleha Dollah)



Malaysian Palm Oil Board

6, Persiaran Institusi, Bandar Baru Bangi,
43000 Kajang, Selangor, Malaysia

For More Information:

Contact: pipoc@mpob.gov.my

Visit: pipoc.mpob.gov.my