Innovations in Palm Oil Milling Technology  
*Abdul Halim Ahmad*

**SESSION: 1a**  
**PALM OIL MILLING**

**P1:** Towards Total Milling Automation  
a Novel Way to Mill Detached Sterilized Fruits  
*Lee Keong Hoe; Teoh Guan Eng and Low Teck Yin*

**P2:** 3DT TRASAR Boiler Technology Application in Palm Oil Industry  
*Lei Wen; Ricky Li; Tim Loh and Khu Sang Chia*

**P3:** Continuous Sterilization of Fresh Fruit Bunches:  
A Comprehensive Assessment of its Current Status  
*Sivasothy Kandiah*

**P4:** Nanotechnology for Enhancing OER  
SPEC – Sovereign Palm Oil Mill Extractor – Cleanser  
*M.Thavalingam; Lee Kon Cheng; G.Shashi Kumar and V. Vijayarajan*

**SESSION: 1b**  
**PALM OIL MILLING**

**P5:** POM Effluent/Tertiary Polishing Plants  
Current Industrial Performance Status  
*Lee Hock Leang and Mohamad Sulong*

**P6:** FFB Decoring Technology Revolutionizes Palm Oil Milling Process  
*Loh Tong Weng and Loh Thim Thak*

**P7:** Sustainable Palm Oil Processing: Towards Zero Discharge of POME Treatment  
*Li Gaojie; Zhang Zhenjia and Zhang Yejian*

**P8:** Palm Oil Milling Development in Sabah  
*Stella Ambrose*

**P9:** Attaining the Winning Edge in Downstream Palm Oil Processing Technologies: Solvent Extraction of Fibre  
*Anhar Suki and Rajan Skhariya*
SESSION: 2
REFINING AND QUALITY

P10: Developments in Edible Oil Refining for the Production of High Quality, Contaminant-Free Food Oils
Wim de Greyt

P11: The Removal of Acephate, Methamidophos and Monocrotophos Residues in Laboratory Scale Oil Refining Process
Yeoh Chee Beng and Chong Chiew Let

P12: Enhanced Fractionation of RBD Palm Oil with Additives
Kuriyama J; Miyaji Y; Tamura K; Chong C L and Zaliha O

P13: Practical Approach in Fatty Acids Distillation
Hari Krishnah Shukla

P14: Possible Factors Contributing to Formation of 3-MCPD Esters in Refined Oils
Siew Wai Lin; Nuzul Amri Ibrahim; Muhd Roddy Ramli; Raznim Arni Abdul Razak; Ainie Kuntom and Kalanithi Nesaretanam

SESSION: 3a
ENVIRONMENT, ENERGY AND SUSTAINABILITY

P15: Life Cycle Assessment and its Importance to the Oil Palm Industry
Choo Yuen May; Halimah Muhammad; Zulkifli Hashim; Vijaya Subramaniam; Tan Yew Ai and Puah Chiew Wei

P16: Stabilizing Palm Biomass within Hour Using Biosmart ICT Enzyme
Young Li Sen; Young Chiu Chung and Robert Yiew

P17: Recovery and Conversion of Palm Oil Refining Waste into Value Added Quality Bio Organic Fertilizers - Waste to Wealth on Total Environment Solution for the Palm Oil Refining Industry
Loh Soh Kheang; Stephen James; Muzzammil Ngatiman and Choo Yuen May

SESSION: 3b
ENVIRONMENT, ENERGY AND SUSTAINABILITY

P18: Renewable Energy Potential from the Malaysian Palm Oil Industry
Mohd Basri Wahid

P19: Experience of Closed Anaerobic Digesters Operation for POME Biogas Harnessing under CDM Project
RM Subbiah and Alui Ahmad
P20: Legal and Contractual Issues in Developing CDM Projects and Sale of Carbon Credits
Leong Kwok Yan

P21: Palm Based Biomass Power Plants
Nobunao Fujii

SESSION: 4
BIOMASS UTILIZATION

P22: Briquetting of Empty Fruit Bunch Fibre and Palm Shell Using Piston Press Technology
A B Nasrin; Y M Choo; W S Lim; L Joseph; S Michael; M H Rohaya and A A Astimar

P23: Commercialization of EFB-Pulp Productions by Using the PALMOR™ Accelerated Pulping (PAP) System
Mohammad Jamil Abu Hasan; Abdul Razak Abdullah; Ardi Irawan Rosli; Kamarudin Hassan; Anis Mokhtar and Astimar Abdul Aziz

P24: Identification, Quantification and Purification of Phospholipids Extracted from Palm-Pressed Fiber Using Ultrasonic Technology
Chin Ping Tan and Seong Chea Chua