

## TITLE OF PROPOSED PAPERS THAT WILL BE PRESENTED IN THE CONFERENCE

<b>Keynote Address</b>	<b>Recent Advances and Trends in Green Technology</b>   Pogaku Ravindra   <i>Universiti Malaysia Sabah</i>
<b>Plenary Speaker 1</b>	<b>Traditional Knowledge and Prospects for Medicinal Plants in Healing</b>   Ameenah Gurib Fakim   <i>University of Mauritius</i>
<b>SESSION 1 : NATURAL PRODUCTS ( 8 PAPERS )</b> Example of the selected papers: <b>1-02: Introduction a Natural New food color "Spinacia oleracea" for The enrichment of dairy products</b>   Jafar hayaty Nejad   <i>Iran</i> <b>1-04: Screening of Anticancer From Agarwood Essential Oil</b>   Phirdaos Abbas   <i>Malaysia</i>	
<b>Plenary Speaker 2</b>	<b>Value-Added Strategies: Taking Malaysia Agricultural Products to the Next Level</b>   Kamariah Long   <i>MARDI Malaysia</i>
<b>SESSION 2A : BIOPROCESS ENGINEERING ( 8 PAPERS )</b> Example of the selected papers: <b>2A-01: Exopolysaccharide Production by P.fluorescens Using Synthetic Carbon Substrate and Agro Industrial waste-Cane molasses</b>   V. Vijayagopal   <i>India</i> <b>2A-02: Production and investigation of surfactin isoforms produced by local isolates of Bacillus subtilis</b>   Mohd Hafez Mohd Isa   <i>Malaysia</i>	
<b>SESSION 2B : BIOMOLECULAR ENGINEERING ( 8 PAPERS )</b> Example of the selected papers: <b>2B-01: Mathematical Modeling for Temperature Dependence Extracellular Recombinant Cyclodextrin Glucanotransferase Formation Rate</b>   Lo Po Kim   <i>Malaysia</i> <b>2B-02: Cytolytic Effects and Detection of DNA Damages in WEHI-3B Cells Treated With Newcastle Disease Virus Strain AF 2240</b>   Siti Aishah Abu Bakar   <i>Malaysia</i>	
<b>Plenary Speaker 3</b>	<b>Recent Advances in Biomaterial Engineering</b>   Pogaku Ravindra   <i>Universiti Malaysia Sabah</i>
<b>SESSION 3A : CHEMICAL ENGINEERING ( 4 PAPERS )</b> Example of the selected papers: <b>3A-01: Turpentine Oil Hydration Using Trichloroacetic Acid as Catalyst</b>   Nanik Wijayati   <i>Indonesia</i> <b>3A-02: Catalytic Dehydrogenation of Methylcyclohexane to Toluene in a Palladium/Alumina Hollow Fibre Membrane Reactor</b>   Irfan Hatim Mohd Dzahir   <i>Malaysia</i>	
<b>SESSION 3B : BIOMATERIAL ENGINEERING ( 4 PAPERS )</b> Example of the selected papers: <b>3B-03: Surgical Arm Rest Using Novel Smart Material Based Fluid</b>   Eraj Humayun Mirza   <i>Malaysia</i> <b>3B-04: Practical 'Green Sound Insulating Material' For Vehicle Door Panel</b>   Mahmud Iskandar Seth A Rahim   <i>Malaysia</i>	
<b>Plenary Speaker 4</b>	<b>Recent Advances in Agrotechnology</b>   Mahmud Nor Jaafar   <i>Universiti Malaysia Perlis</i>
<b>SESSION 4A : AGROTECHNOLOGY AND BIOSYSTEM ENGINEERING ( 7 PAPERS )</b> Example of the selected papers: <b>4A-03: Effect of Rhizosphere Cooling on Performance of Tomato Crops under Controlled Environment Structure</b>   Muhammad Che Husain   <i>Malaysia</i> <b>4A-04: Effect of Plant Growth Regulators and Basal Media in Node Culture of Citrus Suhuiensis</b>   Rodziah Kari   <i>Malaysia</i>	
<b>SESSION 4B : FOOD PROCESS ENGINEERING ( 7 PAPERS )</b> Example of the selected papers: <b>4B-01: Comparing Between Three Current Source Circuits for Using in Bio Electrical Impedance Design</b>   Wan Mohd Azhar Wan Ibrahim   <i>Malaysia</i> <b>4B-02: Glass transition, flowability and compressibility of freeze-dried fruit powder containing additives</b>   Mohammad Gulzarul Aziz   <i>Malaysia</i>	

**Plenary Speaker 5**

**Recent Advances in Bioenergy** | Wan Ramli Wan Daud | *Universiti Kebangsaan Malaysia*

**SESSION 5A : BIOENERGY ( 4 PAPERS )**

Example of the selected papers:

**5A-02: Analysis of a Porous Collector for a Solar Cooling System** | Salah Chikh | *Algeria*

**5A-03: Bioethanol from Jatropha curcas Cake Using Local Yeast Strain** | Norliza Abd Rahman | *Malaysia*

**SESSION 5B : SUSTAINABILITY ( 4 PAPERS )**

Example of the selected papers:

**5B-01: Waterborne Polyurethane / Modified Montmorillonite Nanocomposite Film** | Mahirah Zaini | *Malaysia*

**5B-04: A Study on the Effectiveness of Biofilter Based on Effective Microorganism (EM) and Empty Fruit Bunch (EFB) for Water Quality Improvement: An Application in Open Channel System** | Noor Suraya Romali | *Malaysia*

**Post-Conference Tour to  
Malaysia Agricultural Research and Development Institute (MARDI)  
Agro Technology Park, Langkawi**

**Total Oral Presentations : 54 papers**

**Total Poster Presentation : 69 papers**

**Total Paper Presentations : 123 papers**