



9th International Plant Protection in the Tropics (9th ICPPT)

OPENING ADDRESS AND TECHNICAL PROGRAM

| TUESDAY (2 nd AUGUST 2016) | | |
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| 19:30 – 21:30 | Pre-registration (Venue: Kenyalang – Mendu - Lobby floor) | |
| WEDNESDAY (3 rd AUGUST 2016) | | |
| 08.00-09.00 | Registration / Poster Set-Up | |
| 09.00-10.00 | <p>Opening Ceremony Venue: Grand Ballroom</p> <p>Welcoming Remarks <i>Prof. Dr. Abdul Shukor Juraimi, President of MPPS</i></p> <p>Opening Address <i>YB Datuk Amar Douglas Uggah Embas</i> <i>Deputy Chief Minister 1 and Minister of Modernisation of Agriculture and Rural Economy</i></p> | |
| 10.00-10.45 | <p>Keynote 1 Venue: Grand Ballroom</p> <p>Climate change affects growth and fungal diseases of oil palms <i>Prof. Dr. Russell Paterson, University of Minho, Portugal</i></p> <p>Chairperson: <i>Prof. Dr. Abdul Shukor Juraimi, President of MPPS</i></p> | |
| 10.45-11.10 | <p>Poster Session (Grand Ballroom) Tea Break</p> | |
| SESSION 1 | | |
| 11.10-11.30 | <p style="text-align: center;">Session 1A EMERGING INVASIVE PESTS AND BIOPESTICIDES</p> <p style="text-align: center;">Venue: Grand Ballroom</p> <p style="text-align: center;">Chairperson: <i>Assoc. Prof. Dr. Nur Azura Adam</i> <i>Universiti Putra Malaysia</i></p> | <p style="text-align: center;">Session 1B WEED MANAGEMENT</p> <p style="text-align: center;">Venue: Kenyalang-Mendu</p> <p style="text-align: center;">Chairperson: <i>Dr. Md Yusof Husin</i> <i>Hexagon Green Sdn Bhd</i></p> |

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| 11.10-11.30 | O1-1A1 The invasive red palm weevil and its threat to Malaysian Oil Palm Industry <i>Prof. Dr. Idris Abd Ghani</i> | O13-1B1 Phytotoxic activity of <i>Tinospora tuberculata</i> leaf methanol extract on the growth and development of rice and associated weed species <i>Prof. Dr. Abdul Shukor Juraimi</i> |
| 11.30-11.50 | O2-1A2 New plant disease findings in three island nations lying adjacent to South East Asia <i>Richard Davis</i> | O14-1B2 Germination and growth responses of <i>Parthenium hysterophorus</i> in different soil textures and burial depths <i>Anis Fadzilah Binti Muhammad Akhir</i> |
| 11.50-12.10 | O3-1A3 Toxicity of neem oil nano-emulsion formulations against adults of <i>Sitophilus oryzae</i> (L.) and <i>Tribolium castaneum</i> (Herbst) <i>Marziyeh Choupanian</i> | O15-1B3 The status of herbicide resistance in goosegrass from cultivation areas in Malaysia <i>Chuah Tse Seng</i> |
| 12.10-12.30 | O4-1A4 Impact of rates and frequency of formulated neem seed oil (F-NSO) on pest damage of improved pigeonpea cultivar in South Eastern, Nigeria <i>S.A. Dialoke</i> | O16-1B4 Herbicidal Potential of the essential oil of <i>Callistemon viminalis</i> against some weeds <i>Daizy Rani Batish</i> |
| 12.30-12.50 | O5-1A5 Efficacy and synergistic effect of plant extracts against red pumpkin beetle, <i>Aulacophora faveicollis</i> Lucas under laboratory conditions <i>Muhammad Afzal</i> | O17-1B5 Estimation of vitamins and minerals from ten selected weeds and local plants of Kelantan <i>S. M. Rezaul Karim</i> |
| 12.50-14.00 | Lunch Break | |
| SESSION 2 | | |
| 14.00-14.30 | Plenary 1 Venue: Grand Ballroom Formulation development of biological pesticide for safe and effective field application <i>Prof. Dr. Dzolkhifli Omar, Universiti Putra Malaysia</i> Chairperson: <i>Assoc. Prof. Dr. Hafidzi Mohd Noor, Chairman of 9th ICPPT</i> | |

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| 14.30-14.40 | Brief Introduction of International Association for the Plant Protection Sciences (IAPPS) <i>Prof. Dr. Heong Kong Luen , Zhejiang University, China</i> | |
| | Session 2A ADVANCES IN TECHNOLOGY OF PEST AND DISEASES MANAGEMENT I Venue: Grand Ballroom Chairperson: <i>Assoc. Prof. Dr. Mui Yun Wong</i> <i>Universiti Putra Malaysia</i> | Session 2B BIOLOGY OF PESTS I Venue: Kenyalang-Mendu Chairperson: <i>Assoc. Prof. Dr.Chong Khim Phin</i> <i>Universiti Malaysia Sabah</i> |
| 14.40-15.00 | O6-2A1 Biodiversity - The foundation of healthy crops and healthy world <i>K.L. Heong</i> | O18-2B1 <i>Fusarium spp.</i> associated with pineapple fusariosis in Peninsular Malaysia <i>Prof. Dr. Latiffah Zakaria</i> |
| 15.00-15.20 | O7-2A2 Evaluation of antagonistic activities and plant growth promoting traits of actinobacteria isolated from cocoyam (<i>Xanthosoma sagittifolium</i>) rhizosphere around Mount Cameroon <i>Djuidje Kouomou Peguy Flora</i> | O19-2B2 Oviposition preference of asian papaya fruit fly <i>Bactrocera papayae</i> Drew & Hancock (Diptera: Tephritidae) on different ripening stages of mango, <i>Mangifera indica</i> L. <i>Nur Azura Adam</i> |
| 15.20-15.40 | O8-2A3 A novel method to control BSR by inhibition <i>Ganoderma boninense</i> 's lignolytic enzymes – key enzymes of pathogenicity <i>Arthy Surendran</i> | O20-2B3 Morphological identification and pathogenicity of <i>Fusarium oxysporum</i> associated with <i>Sansevieria trifasciata</i> in Malaysia <i>Kee Yee Jia</i> |
| 15.40-16.00 | O9-2A4 Determination of action threshold based on pod phenology for cocoa pod borer management <i>Navies Bin Maisin</i> | O21-2B4 Computational analysis of short-chain dehydrogenase/reductase enzyme gene from <i>Plutella xylostella</i> <i>Khairunnisa Atiqah Mohamad Khalid</i> |
| 16.00-16.30 | Tea Break | |

| SESSION 3 | | |
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| | <p style="text-align: center;">Session 3A ADVANCES IN TECHNOLOGY OF PEST AND DISEASES MANAGEMENT II Venue: Grand Ballroom</p> <p style="text-align: center;">Chairperson: <i>Dr. Khairulmazmi Ahmad</i> <i>Universiti Putra Malaysia</i></p> | <p style="text-align: center;">Session 3B BIOLOGY OF PESTS II Venue: Kenyalang-Mendu</p> <p style="text-align: center;">Chairperson: <i>Dr. Norida Mazlan</i> <i>Universiti Putra Malaysia</i></p> |
| 16.30-16.50 | <p>O10-3A1 Effects of nano silver bactericides on Japanese cucumber (<i>Cucumis sativus</i>) seed germination <i>Poopak Setoodehnia</i></p> | <p>O22-3B1 Pathogenicity mechanisms deduced from the genome sequence of <i>Ascochyta rabiei</i> - a causal pathogen of Ascochyta blight <i>Ramisah Mohd Shah</i></p> |
| 16.50-17.10 | <p>O11-3A2 Relationship between bagworm and predatory insect species in oil palm plantations of Peninsular Malaysia <i>Syari Bin Jamian</i></p> | <p>O23-3B2 Protein-ligand interaction analysis of alcohol dehydrogenase from <i>Plutella xylostella</i> <i>Saidi Adha Suhaimi</i></p> |
| 17.10-17.30 | <p>O12-3A3 Potential of endophytic bacteria for control black pod disease of cocoa <i>Wael M.K. Alsultan</i></p> | <p>O24-3B3 Commensal rodent pests status in Penang island, Malaysia <i>Wan Nur Amni Binti Wan Ahmad Sukri</i></p> |
| 19.30 – 21:30 | Conference Dinner (Grand Ballroom) | |

THURSDAY (4th AUGUST 2016)

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| 09.00-09.45 | <p>Keynote 2 Venue: Grand Ballroom</p> <p>Towards sustainable rice pest management in China - the challenges ahead <i>Prof Emeritus Dr. Jia An Cheng, Zhejiang University</i></p> <p>Chairperson: <i>Prof. Dr. Dzolkhifli Omar, Past President of MAPPS</i></p> | |
| 09.45-10.00 | <p>Malaysian Standards for Agro-Chemical <i>Dayang Hazwani Abang Ishak, Institut Kimia Malaysia (IKM)</i></p> | |
| 10.00-10.40 | <p>Poster Session Tea Break</p> | |
| SESSION 4 | | |
| | <p>Session 4A PESTICIDE SCIENCE AND GENETIC MODIFIED ORGANISMS I</p> <p>Venue: Grand Ballroom</p> <p>Chairperson: <i>Dr. Siti Izera Ismail</i> <i>Universiti Putra Malaysia</i></p> | <p>Session 4B BIOLOGICAL CONTROL I</p> <p>Venue: Kenyalang-Mendu</p> <p>Chairperson: <i>Dr. Muhammad Saiful Ahmad Hamdani</i> <i>Universiti Putra Malaysia</i></p> |
| 10.40-11.00 | <p>O25-4A1 Effective resistance genes to bacterial leaf blight disease of rice in Malaysia <i>Kogethavani a/p Ramachandran</i></p> | <p>O35-4B1 Efficiency of checkered beetle, <i>Callimerus arcufer</i> against oil palm bagworms, <i>Metisa plana</i> and <i>Pteroma pendula</i> <i>Azlina Zakaria</i></p> |
| 11.00-11.20 | <p>O26-4A2 Marker-assisted backcross breeding in improving aerobic ability of weed competitive rice variety <i>Masitah Ab Jalil</i></p> | <p>O36-4B2 Propagation of barn owls in an oil palm plantation of Sabah: FGV's Experiences <i>Cik Mohd Rizuan Zainal Abidin</i></p> |
| 11.20-11.40 | <p>O27-4A3 In-field optical sensors for a detection of pesticides residues on vegetables – What are possible solutions? <i>Che Dini Maryani Binti Che Mohammad</i> <i>Ishkandar El Rahimin</i></p> | <p>O37-4B3 <i>Bacillus amyloliquefaciens</i> in healthy seedling production of hot pepper in Trinidad <i>Duraisamy Saravanakumar</i></p> |

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| 11.40-12.00 | O28-4A4 Patterns of resistance to ALS Herbicides in a resistant <i>Limnocharis flava</i> (L.) Buchenau population from Malaysia <i>Muhammad Saiful Ahmad Hamdani</i> | O38-4B4 Influence of environmental parameters on the growth of <i>Trichoderma spp.</i> and its greenhouse evaluation as biocontrol agent against white root rot pathogen <i>Rigidoporus microporus</i> <i>Go Wen Ze</i> |
| 12.30-14.00 | Lunch Poster Take-Down | |
| 14.00-14.30 | PLENARY 2 Venue: Grand Ballroom The Role of Plant Science: Global and Asian Landscape <i>Dr. Vasant L. Patil, Director Science & Regulatory Affairs, CropLife Asia</i> Chairperson: <i>Dr. Lily Eng, DOA, Sarawak</i> | |
| SESSION 5 | | |
| | Session 5A PESTICIDE SCIENCE AND GENETIC MODIFIED ORGANISMS II Venue: Grand Ballroom Chairperson: <i>Prof. Dr. Latiffah Zakaria</i> <i>Universiti Sains Malaysia</i> | Session 5B BIOLOGICAL CONTROL II Venue: Kenyalang-Mendu Chairperson: <i>Dr. Dzarifah Zulperi</i> <i>Universiti Putra Malaysia</i> |
| 14.30-14.50 | O29-5A1 The effect of Coumatetralyl on rat abundance and reduction in crop damage in rice field <i>Hafidzi Mohd Noor</i> | O39-5B1 Profiling and identification of antifungal compounds from <i>Trichoderma virens</i> , a potential biological control for <i>Ganoderma boninense</i> <i>Lee Pei Lee Angel</i> |
| 14.50-15.10 | O30-5A2 Effectiveness of Phenazine nanoemulsion on the suppression of basal stem rot in oil palm seedlings <i>Lee Kai Wei</i> | O40-5B2 Preliminary study on barn owl (<i>Tyto alba</i>) species reintroduction as biological control of rats (<i>Rattus spp.</i>) in Subang Jaya City, Selangor, Malaysia <i>Maisarah Burhanuddin</i> |
| 15.10-15.30 | O31-5A3 Identification of alternative insecticides with lower toxicity for bagworm control in oil palm via trunk injection method: A reevaluation of Acephate and evaluation of other new insecticides <i>Meor Badli Shah Bin Ahmad Rafie</i> | O41-5B3 Development of specific antifungal compound for <i>Ganoderma boninense</i> <i>Maria Indah Purnamasari</i> |
| 15.30-16.00 | Tea Break | |

| SESSION 6 | | |
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| | <p style="text-align: center;">Session 6A PESTICIDE SCIENCE AND GENETIC MODIFIED ORGANISMS III Venue: Grand Ballroom</p> <p style="text-align: center;">Chairperson: <i>Meor Badli Shah Bin Ahmad Rafie</i></p> | <p style="text-align: center;">Session 6B BIOLOGICAL CONTROL III Venue: Kenyalang-Mendu</p> <p style="text-align: center;">Chairperson: <i>Dr. KL Heong</i> <i>Zhejiang University, China</i></p> |
| 16.00-16.20 | O32-6A1 Spinosad resistance in <i>Plutella xylostella</i> and its fitness cost from Semenyih, Selangor <i>Nur Adibah Binti Mohd Ishadi</i> | O42-6B1 Diet preferences of barn owl, <i>Tyto alba javanica</i> in captivity (aviary) <i>Mohamad Safwan Bin Mohd Saufi</i> |
| 16.20-16.40 | O33-6A2 Mass production and commercialization of biological rodenticide, <i>Sarcocystis singaporensis</i> in Indonesia <i>Sulaiman Ginting</i> | O43-6B2 Antifungal activity of inhibitory compounds-producing <i>Alcaligenes faecalis</i> and <i>Bacillus amyloliquefaciens</i> against <i>Fusarium oxysporum f. sp. melonis</i> <i>Salha Ibnouf Elmahdi Ahmed</i> |
| 16.40-17.00 | O34-6A3 An evaluation of protein extraction methods suitable for proteomic analysis of <i>Plutella xylostella</i> <i>Norazila Binti Yusoff</i> | O44-6B3 Temporal foraging pattern of stingless bee <i>Heterotrigona itama</i> Cockerell <i>Wan Nur Asiah Wan Mohd Adnan</i> |
| 17.00-17.30 | Poster Award Presentation and Closing Ceremony | |
| 17:30 – 18:30 | 37th MAPPS Annual General Meeting (Grand Ballroom) | |