



1st Postgraduate Seminar on Agriculture and Forestry

6 October 2021

PSAF2021 WEBINAR			
Time	Program		
07:45 – 08:15	Registration		
OPENING CEREMONY			
08:15 – 08:30	Welcoming Remarks Dr. Zamri Bin Rosli Dean Faculty of Agricultural Science and Forestry		
08:30 – 09:00	Keynote Address Assoc. Prof. Dr. Shahrul Razid Bin Sarbini Campus Director Universiti Putra Malaysia Bintulu Sarawak Campus 'Challenges and Opportunities of Graduate Study in Agriculture and Forestry'		
Parallel Oral Presentation			
Subtheme	Crop Science	Animal Science and Fisheries	Forestry and Agroforestry
Time	Chairperson: Kathleen Michelle Mikal Assistant: Babirye Khadijah	Chairperson: Ng Ji Feng Assistant: Nor Syafinaz Binti Azman	Chairperson: Cheong Shun Hui Assistant: Sam Nureszuan Bin Sam Sabtu
09:00 – 09:20	OCS01 Lawan Dalarima Tahir Physiochemical Properties of Organically Grown Red and Yellow-Fleshed Varieties of Watermelon Fruits Universiti Malaysia Terengganu	OAS01 Che Azarulzaman Bin Che Johan Molecular Epidemiology of <i>Megalocytivirus</i> in Malaysian Freshwater Angelfish (<i>Pterophyllum scalare</i>) Universiti Malaysia Terengganu	OF01 Mohamad Syahrul Nizam Bin Ibrahim Knowledge on Threatened Species among Penan and Berawan Community in Gunung Mulu National Park, Sarawak, Malaysia Universiti Putra Malaysia

09:20 – 09:40	<p>OCS02 Nina Asqalani Binti Abdullah</p> <p>Antioxidant Activity, Total Phenolic Content, Total Flavonoid Content, and Phytochemical Screening of <i>Cyperus iria</i>, <i>Cyperus distans</i>, <i>Fimbristylis miliacea</i>, <i>Fimbristylis dichotoma</i>, and <i>Fimbristylis globulosa</i></p> <p>Universiti Teknologi Mara</p>	<p>OAS02 Logajothiswaran Ambalavanan</p> <p>Molecular Detection of Phycodnaviruses Using DNA <i>Polymerase B (pol B)</i> Gene from Sponge Species and Seawater Surrounding Terengganu Islands</p> <p>Universiti Malaysia Terengganu</p>	<p>OF02 Chong Chuan Cheak</p> <p>Distribution and Molecular Phylogeny of Medicinal Mushroom <i>Lignosus spp.</i> (Polyporaceae, Basidiomycota) in Malaysian Borneo</p> <p>Universiti Malaysia Sabah</p>
09:40 – 10:00	<p>OCS03 Sarannia A/P Thanganathan</p> <p>The Characterization of <i>Carica papaya</i> WRKY Transcription Factors in Response to Salinity Stress</p> <p>Quest International University Perak</p>	<p>OAS03 Ain Auzureen Mat Zin</p> <p>Detection and antibiogram profile of <i>Vibrio alginolyticus</i> isolated from farmed Asian Seabass (<i>Lates calcarifer</i>) in Terengganu, Malaysia</p> <p>Universiti Malaysia Kelantan</p>	<p>OF03 Ily Azzedine Alaia M.H. Subari</p> <p>Mushroom Poisoning: New Record of Neurotoxic <i>Entoloma mastoideum</i> (Entolomataceae, Agaricales) in Sabah (North Borneo), Malaysia</p> <p>Universiti Malaysia Sabah</p>
10:00 – 10:20	<p>OCS04 Mohammad Ahsanul Islam</p> <p>Unravelling Mangrove Research in Malaysia: Current Status and Future Prospect in Changing Climate</p> <p>Universiti Malaysia Terengganu</p>	<p>OAS04 Elvin Michael Bavoh</p> <p>Coral Restoration Efforts and Reef Fish Diversity of Tun Sakaran Marine Park, Semporna, Sabah</p> <p>Universiti Malaysia Sabah</p>	<p>OF04 Nurul Aisyah Binti Yusli</p> <p>Utilization of Indigenous Food Aroma Enhancing Plants among the Community in Bintulu, Sarawak</p> <p>Universiti Putra Malaysia</p>

10:20 – 10:40	<p>OCS05 Florance Ukau Anak Andar</p> <p>Isolation and Molecular Characterization of Photosynthetic Bacteria (PB) from Rice Straw</p> <p>Universiti Putra Malaysia</p>	<p>OAS05 Abdulla-Al-Asif</p> <p>The Possible Pathway of Water-Borne Species Invasion in Bangladesh: Where Danger Overthrows Beauty</p> <p>Universiti Putra Malaysia</p>	<p>OF05 Karthiani A/P Kanagesan</p> <p>Effect of Photoperiod Regimes on the Cultivation of <i>Nannochloropsis sp.</i> in Palm Oil Mill Effluent</p> <p>Universiti Malaysia Pahang</p>
10:40 – 11:00	Break		
11:00 – 11:20	<p>OCS06 Nur Syahirah Binti Abdul Rashid</p> <p>Effect of <i>Azolla</i> on Growth Performance of Choy Sum (<i>Brassica chinensis</i> var. <i>parachinensis</i>)</p> <p>Universiti Malaysia Sabah</p>	<p>OAS06 Mohammad Kamruzzaman Hossain</p> <p>Dietary Supplementation of Autochthonous <i>Aeromonas sp.</i> Improve Growth and Disease Resistance of <i>Tor tambroides</i> against Two Pathogenic Bacterial (<i>A. hydrophila</i> and <i>Vibrio parahaemolyticus</i>) infection</p> <p>Universiti Malaysia Terengganu</p>	<p>OF07 Abdullah Bin Abdul Rahman</p> <p>Effect of Oil Palm Decanter Cake on Soil Properties and Growth Response of Oil Palm Seedling in Nursery</p> <p>Universiti Malaysia Sabah</p>
11:20 – 11:40	<p>OCS08 Fidelia Johny</p> <p>Phenology study on <i>Piper nigrum</i> var. 'Kuching'</p> <p>Universiti Putra Malaysia</p>	<p>OAS07 Aidil Ikhwan Redhwan</p> <p>Mahsheers in Malaysia: A Review on Feed for <i>Tor tambroides</i> (Empurau) Cultured in Captivity</p> <p>Universiti Sultan Zainal Abidin</p>	<p>OF08 Tang Pui Ling</p> <p>Taxonomy, Distribution, Molecular Phylogeny and Cultivation of <i>Pleurotus tuber-regium</i> (Pleurotaceae, Agaricales)</p> <p>Universiti Malaysia Sabah</p>

11:40 – 12:00	<p>OCS09 Irsyad Sulaimi Bin Ramly</p> <p>Plant-Growth Promoting Characterization of Zinc-Solubilizing Bacteria from Rice Cultivation Area in Bukit Rambai Melaka</p> <p>Universiti Teknologi Mara</p>	<p>OAS08 Athirah Binti Mohd Bakri</p> <p>Analysis of Genetic Diversity in 5 Captive Population of Asian Seabass (<i>Lates calcarifer</i>) for Selective Breeding in Malaysia</p> <p>Universiti Putra Malaysia</p>	<p>OF09 Tan Hui Yan</p> <p>Production, Optimization, and Characteristics of Bioactive Glycopeptide Hydrolysate from Edible Bird's Nest (EBN)</p> <p>Universiti Putra Malaysia</p>
12:00 – 12:20	<p>OCS10 Yusuf Opeyemi Oyebamiji</p> <p>Morpho-physiological Traits Screening of Segregating Rice Population under Reproductive Stage Drought Stress</p> <p>Universiti Kebangsaan Malaysia</p>	<p>OAS09 Louisiana Lulu Lukas</p> <p>Antibacterial Activity of Stingless Bee Propolis Extract and Its Effect on Japanese Quail (<i>Coturnix japonica</i>) Growth Performance</p> <p>Universiti Putra Malaysia</p>	<p>OF10 A. Vignisvary A/P Arumugam</p> <p>Genetic Diversity of Crystal Longan Fruit (<i>Pometia pinnata</i> J.R. Forst & G. Forst) in Bintulu</p> <p>Universiti Putra Malaysia</p>
12:20 – 12:40	<p>OCS11 Buraq Musa Sadeq</p> <p>Humic Acid-amended Media Improves Shelf-life of <i>Bacillus subtilis</i> under Laboratory Conditions</p> <p>Universiti Putra Malaysia</p>		
12.40 – 14:00	Lunch break		

Parallel Poster Presentation			
Subtheme	Crop Science	Animal Science and Fisheries	Forestry and Agroforestry
Time	Chairperson: Nurul Husna Che Hamzah Assistant: Fidelia Johny	Chairperson: Abdulla-Al-Asif Assistant: Nur Afiqah Binti Ali	Chairperson: Nurul Aisyah Binti Yusli Assistant: Muhammad Aidil Bin Anuar
14:00 – 14:10	PCS01 Sehrish Tariq Critical Success Factors of Micro Agri-Entrepreneurs to Trade on E-Agribusiness Platform in Malaysia Universiti Teknologi Mara	PAS01 Mohd Akmal Bin Sobari Length-Weight, Length-Length Relationships, and Condition Factor of Four Carangidae Species in Kuala Selangor Universiti Putra Malaysia	PF01 Erra Fazira Binti Abdul Rahim Nutritional and Minerals Profiling of Banana (<i>Musa acuminata</i>), Orange (<i>Citrus reticulata</i>) and Watermelon (<i>Citrullus lanatus</i>) Waste Powder Universiti Putra Malaysia
14:10 – 14:20	PCS02 Babirye Khadijah Hypersensitivity Response of Black Pepper (<i>Piper nigrum</i> L. var Kuching) to Root Knot Nematodes under Different Nutrient Irrigation Universiti Putra Malaysia	PAS02 Mohd Hairul Mohd Salleh The mtDNA D-loop Marker Identifies a New Distribution Range and Genetic Variability of Indochina's <i>Batagur affinis</i> Genetic Resources Universiti Putra Malaysia	PF02 Halifah Afiza Binti Ismail Nutritional and Health Benefits of Indigenous Fruit of <i>Artocarpus odoratissimus</i> Blanco. in Sarawak Universiti Putra Malaysia
14:20 – 14:30	PCS03 Phooi Chooi Lin Effect of Biopriming with Food Waste Bokashi Leachate on <i>Basella rubra</i> L. Seed Germination and Root Growth Performance Universiti Putra Malaysia	PAS03 Toh Seng Chiew Assessment of Water Quality and Indicator Bacteria within Wind Cave, Bau, Sarawak Universiti Malaysia Sarawak	PF03 Mohd Alhafiizh Bin Zailani Effect of Microwave Irradiation on the Digestibility and Bacterial Growth Rates of Sago (<i>Metroxylon sagu</i>) Starch Universiti Putra Malaysia

14:30 – 14:40	<p>PCS04 Siti Norhaliza Binti Ibrahim</p> <p>Mustard Green (<i>Brassica juncea</i> L.) Growth Performance Analysis using Organic Plant Booster (OPB)</p> <p>Universiti Teknologi Mara</p>	<p>PAS04 Muhamad Amirrul Ariff Bin Ariffin</p> <p>Feeding Preferences of Juvenile <i>Hippocampus barbouri</i> in Captivity</p> <p>Universiti Malaysia Sabah</p>	<p>PF04 Gerevieve Bangi Anak Sujang</p> <p>The Hidden Gold Commodity of Sarawak Forest: <i>Durio</i> Species and Their Uniqueness</p> <p>Universiti Putra Malaysia</p>
14:40 – 14:50	<p>PCS05 Azreena Binti Jamahari</p> <p>Identification of <i>Ganoderma</i> species from Infected Oil Palms and Their Responses against <i>Trichoderma harzianum</i></p> <p>Universiti Putra Malaysia</p>	<p>PAS05 Nor Syahira Idayu Binti Ismail</p> <p>Visual System of Newborn <i>Hippocampus barbouri</i></p> <p>Universiti Malaysia Sabah</p>	<p>PF05 Cheong Shun Hui</p> <p>Identification and Characterization of <i>Fusarium</i> Species from Black Pepper (<i>Piper nigrum</i>) in Sarawak, Malaysia</p> <p>Universiti Putra Malaysia</p>
14:50 – 15:00	<p>PCS06 Intan Nadhirah Binti Masri</p> <p>Growth and Yield of Organic Choy Sum Mustard in Vermicompost: Soil Potting Media</p> <p>Universiti Putra Malaysia</p>	<p>PAS06 Michelle Polda Anak Nap</p> <p>Distribution and Spawning of <i>Puntius sealei</i> as Potential Ornamental Fish in Malaysia</p> <p>Universiti Putra Malaysia</p>	<p>PF06 Patahayah Binti Mansor</p> <p>Plant Succession Following Restoration of Ex-Tin Mining through Afforestation at Bidor, Perak</p> <p>Universiti Putra Malaysia</p>
15:00 – 15:10	<p>PCS07 Sharifa Sadia Mahmud</p> <p>Prevalence of Metabolic Syndrome and Its Components in University Students</p> <p>Universiti Putra Malaysia</p>	<p>PAS07 Michelle Polda Anak Nap</p> <p>Effect of Ovaspec and Ovaprim on Embryonic and Larval Development of <i>Anabas testudineus</i></p> <p>Universiti Putra Malaysia</p>	<p>PF07 Karthick Murugan Palanisamy</p> <p>Acceleration of Lipid Accumulation in Oleaginous Diatom <i>Navicula</i> sp. under Nitrogen Limitation</p> <p>Universiti Malaysia Pahang</p>

15:10 – 15:20	<p>PCS08 Nurul Hana Binti Ismail</p> <p>Phytochemical Screening, Antioxidant Activity, Total Phenolic Content and Total Flavonoid Content of Ethanol Extract of <i>Melastoma malabathricum</i>, <i>Clidemia hirta</i>, <i>Chromolaena odorata</i> and <i>Ageratum conyzoides</i></p> <p>Universiti Teknologi Mara</p>		<p>PF08 Sam Nureszuan Bin Sam Sabtu</p> <p>Flowering Performance of Two Pineapple Cultivars in Response to Flowering Hormones</p> <p>Universiti Putra Malaysia</p>
15:20 – 15:30	<p>PCS09 Kathleen Michelle Mikal</p> <p>Chemopreventive Potential of Sago Starch on Colon Epithelial Cells</p> <p>Universiti Putra Malaysia</p>		<p>PF09 Lim Jing Yi</p> <p>Distribution and Molecular Phylogeny of Pantropical <i>Panus sensu stricto</i> (Polyporaceae, Basidiomycetes)</p> <p>Universiti Malaysia Sabah</p>
15:30 – 15:40	<p>PCS10 Dayangku Nurshahirah Binti Awang Wahab</p> <p>Development of Corn Starch Biofilm Reinforced with Cellulose Nanofiber Isolated from Banana Pseudostem</p> <p>Universiti Putra Malaysia</p>		
15:40 – 16:00	Break		
CLOSING CEREMONY			
16:00 – 16:15	<p>Awards Ceremony Speech Assoc. Prof. Dr. Noorasmah Binti Saupi Deputy Dean (Academic and Student Affairs) Faculty of Agricultural Science and Forestry</p>		
16:15 – 16:20	<p>Closing Remarks Dr. Kwan Yee Min Chairman 1st Postgraduate Seminar on Agriculture and Forestry</p>		
Video Montage and Photography Session			