

21 September 2021

Local Western Indonesia Time (GMT+7)

ROOM-5 SEMAR (Invited Speaker: Prof. Toshiaki Umezawa)

Chairs: Yoshikatsu Ueda, Juliet Berdera, Subyakto

Total: 1 invited talk + 22 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Yeyen Nurhamiyah, Firda Aulya Syamani, Wida Banar Kusumaningrum and Nanang Masruchin	Thermal Properties of Acetylated Starch-Chitosan Based Bioplastic Film	R5-001
08:45 – 08:55	Yoshikatsu Ueda, Naoto Nihei, Ratanaporn Norarat and Minoru Tanigaki	Correlation Between Radiation Measurement on The Field Slopes Using KURAMA (Kyoto University Radiation Mapping System) and Environmental Radioactivity in the Soil Depth Direction	R5-002
08:55 – 09:05	Akhmad Berryl Widyartha, Muhammad Nurdin, La Ode Ahmad Nur Ramadhan, Andi Tenri Nurwahidah and Thamrin Azis	Enhancing Visible Light Adsorption of TiO ₂ /Ti Photocatalyst by co-doping Cr and N Elements and Its Application in Tetracycline Photoelectrochemical Degradation	R5-003
09:05 – 09:15	Discussion		

09:15 – 09:25	Nurul Amri Komarudin, Ashemir B Velaco, Elsera Br Tarigan and Yahya Shafiyuddin Hilmi	A Systematic Review: Environmental Quality and Exposure to Ammonia Concentration from the Processing of Natural Rubber to Crumb Rubber	R5-004
09:25 – 09:35	Riska Surya Ningrum, Fadia Idzni Rodhibilah, Dewi Sondari, Sudarmanto Sudarmanto and Dwi Ajias Pramasari	Effect of Precipitation Time on the Physicochemical Properties of Modified Sago Starch	R5-005
09:35 – 09:45	Nur Indah Kartika Sani, Gusnidar, Frisa Irawan Ginting, Ahmad Yasir, Ahmad Fanani and Dian Fiantis	Evaluation of Land Suitability for Orange Plants (Citrus Sinensis L.) Post Eruption of Mount Sinabung, Karo District, North Sumatera	R5-006
09:45 – 09:55	Subyakto, Eko Widodo, Triyati, Naomi Damaria Lidya Andini Hutauruk, Rabiyyah Al Adawiyah and Kenji Umemura	Properties of Moulding Products from Sorghum Bagasse Combined with Alang-Alang Leaves, Sengon Wood or Bamboo using Citric Acid- Sucrose	R5-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Toshiaki Umezawa (Invited Talk)	Biomass utilization in tropical area for sustainable development	

10:40 – 10:50	Yuliati Indrayani, Sasa Sofyan Munawar and Jamaluddin Jamaluddin	Strategies for Improving the Quality of Sorghum Bagasse- Acacia Wood-Based Particleboard	R5-008
10:50 – 11:00	Apri Heri Iswanto and Muhammad Adly Rahandi Lubis	Technological Properties of Formaldehyde Free Adhesives based on Oxidized Starch Mixed with Different Cross-linkers for Plywood	R5-009
11:00 – 11:10	Thesalonica Yohana, M. Zuvan Maulana Fahrezi, Riska Surya Ningrum, Dwi Ajias Pramasari, Riksfardini Annisa Ermawar, Dewi Sondari and Euis Hermiati	Preliminary Study on The Utilization of Sugarcane Trash and Corncob for Xylo- oligosaccharides and Xylose Production through Dilute Acid Hydrolysis	R5-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Saftia Laila Rajmi, Gusnidar, Retno Leodita Lubis, Frisa Irawan Ginting, Fakhrijal Rizki Hidayat, Aldi Nanda Armer, Hazi Zulkhakim, Novika Yulanda, Ichsan Faisal Syukri and Dian Fiantis	The Geochemical Properties of Volcanic Materials: After a Year Mt. Sinabung Eruption	R5-011
11:30 – 11:40	Sri Purwati, Djoko Sihono Gabriel and Kurnia Wiji Prasetiyo	Feasibility Test of Using Disposable Baby Diaper Waste as Raw Material for Fiberboard	R5-012
11:40 – 11:50	Maulida Oktaviani, Fahriya Sari, Benjarat Bunternngsook, Euis Hermiati, Verawat	Influence of Different Pretreatment Methods and Yeast Strains on Xylitol	R5-013

	Champreda and Takashi Watanabe	Production from Sugarcane Trash Hemicellulose Hydrolysate	
11:50 – 12:00	Discussion		
12:00 – 12:50	Moderator (closing)		
12:05 – 13:00	Break		
13:00 – 13:10	Bramantyo Wikantyo, Setiawan Khoirul Himmi, Tomoya Imai, Toshimitsu Hata and Tsuyoshi Yoshimura	The Morphological Features of Sensilla on Non-Olfactory Organs in the Soldier Caste of Subterranean Termite Coptotermes spp.	R5-014
13:10 – 13:20	Jeaneth Molano and Karyn Chrislene Vitor	Land Snail Species from Rice Paddies in Tagum City (Philippines)	R5-015
13:20 – 13:30	Juliet Berdera, Jean Amor Jamero, Reyna Jane Gontinas, John Gary Tezano and Karyn Chrislene Vitor	Intertidal Arthropods of Pantukan, Davao de Oro, Philippines	R5-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Rattanaporn Norarat, Wichet Thipprasert, Vishnu Thonglek and Nantinee Srijumpa	Effects of Air-fine Bubbles Water on Cultivated Shiitake Mushroom in Thailand	R5-017
13:50 – 14:00	Fitrah Amelia, Ramses and Ismarti	Reduction of Copper and Lead Metal Content in Gonggong Snails Using Lime	R5-018
14:00 – 14:10	Ikhsan Nazar Arrahman	Environmental Impact Analysis through Heavy Metals Contained Sago Starch	R5-019

14:10 – 14:20	Retno Leodita Lubis, Juniarti, Saftia Laila Rajmi, Aldi Nanda Armer, Novika Yulanda, Fakhrijal Rizki Hidayat, Hazi Zulhakim, Ichsan Faishal Syukri, Frisa Irawan Ginting and Dian Fiantis	Assessment of the Geochemical Weathering Indices of Volcanic Soil After the Eruption from Mount Sinabung in 2020	R5-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator		
14:35 – 14:45	Break		
14:45 – 14:55	Fenita Purnama Sari Indah	Effect of Community-Based Total Sanitation Program with Diarrhea Incidents in Children Under Five	R5-021
14:55 – 15:05	Bayu Nugraha and Nadhilah Humairah Salwa Salsabil	Mass Wasting Affected Area Mapping Based on Relative Difference of Normalized Difference Vegetation Index Using Google Earth Engine in Nusa Tenggara Timur (Case Study: Tropical Cyclone Seroja, 3 April 2021)	R5-022
15:05 – 15:15	Discussion		
15:15 – 15:20	Moderator (conclusion)		