

Grant Ceremony & Seminar on Research Findings Assisted by The Asahi Glass Foundation 2022

July 22nd, 2022, Institut Teknologi Bandung
Auditorium Campus Center Timur, Jalan Ganesha 10 Bandung, INDONESIA

09.00 – 09.15	REGISTRATION AND MORNING COFFEE
09.15 – 09.30	OPENING ADDRESS FROM SECRETARY FOR RESEARCH OF LPPM ITB
	Morning Session (Energy, Disaster Mitigation and Material Science) Moderator : Kiki Adi Kurnia, S.Si., M.Sc. Ph.D.
09.30 – 09.45	Assessing he Renewable Energy Source Potential using a GIS-AHP-Based Model in West Java ProvinceOf Indonesia by Nurrohman Wijaya, S.T., M.Sc. (SAPPK)
09.45 – 10.00	A Space-Based Geodetic Technique for Mitigating Hydro-Meteorological Disasters in Indonesia by Dr. techn. Dudy Darmawan Wijaya, S.T., M.Sc. (FITB)
10.00 – 10.15	Hunt for Fault Sources Responsible for Damaging Jakarta Metropolitan Area Environmentally by Dr. Endra Gunawan, S.T., M.Sc. (FTTM)
10.15 – 10.30	Formic Acid Production from Biomass using Ionic Liquid-Based Process by Dr. Megawati Zunita, S.Si., M.Si. (FTI)
10.30 – 10.45	Reverse Supply Chain Conceptual Model to Reduce Plastic Packaging Waste as Result of Increasing E-Commerce Sales During COVID-19 Pandemic by Dr. Eng. Yosi Agustina Hidayat, S.T., M.T. (FTI)
10.45 – 11.00	Isolation and Characterization Of ACE2-Like Enzyme from Endogenous Indonesian Microorganism in Fermented Food as an Alternative Treatment for COVID-19 by Azzania Fibriani, S.Si., M.Si., Ph.D. (SITH)
11.00 – 13.30	BREAK
13.30 – 14.30	<ul style="list-style-type: none"> ■ OPENING CEREMONY <ul style="list-style-type: none"> • Speech by Chair of LPPM ITB (Dr. Yuli Setyo Indartono) • Speech by Chairman of The Asahi Glass Foundation (Mr. Takuya Shimamura) ■ Certification Grant Awards 2022 (14 researchers) by The Asahi Glass Foundation
	Afternoon Session (Life Science and Health) Moderator : Dr. Anindrya Nastiti, S.T., M.T.
14.30 – 14.45	Transformation of Tropical Marine Diatoms Into Light-Activated Catalysts for Treatment of Palm Oil Mill Effluent (POME) by Rindia Maharani Putri, S.Si., M.Si., M.Sc., Ph.D. (FMIPA)
14.45 – 15.00	Concentration of Seawater Reverse Osmosis (SWRO) Brine by Membrane Distillation for Chloralkali Plant (CAP) Feed Solution by Helen Julian, S.T., M.T., Ph.D. (FTI)
15.00 – 05.15	Micrnas Analysis in Gonadal Maturity Regulation of Male Nile Tilapia (<i>Oreochromis niloticus</i>) in Response to Carica papaya Seeds Extract Exposure by Dr. Indra Wibowo, S.Si., M.Sc. (SITH)
15.15 – 15.30	Response of Microbial Community Structure and Dynamics of Black Soldier Fly Organic Waste Treatment using Omics Technology Approach by Husna Nugrahapraja, S.Si., M.Si., Ph.D. (SITH)
15.30 – 15.45	Synbiotic Modulation of Gut Microbiome, Metabolic Function and Metabolite Profiles in Pacific White Shrimp <i>Litopenaeus Vannamei</i> Grow-Out Culture in Biofloc Production System by Dr. Magdalena Lenny Situmorang, S.Si., M.Sc. (SITH)
15.45 – 16.00	Application of Local Domesticated Bees as Pollination Agent of Some Economic Important Crops of West Java : Impact of Productivity and Economic of The Small-Holder Farmers by Ramadhani Eka Putra, S.Si., M.Si., Ph.D. (SITH)
16.00 – 16.15	Electrochemical Sensor Development Based on Bipyramid Gold Nanoparticle for Label-Free Dopamine Detection by Isa Anshori, S.T., M.Eng., Ph.D. (STEI)
16.15 – 16.30	Design, Synthesis, and Activity Assay Of Functionalized Epidermal Growth Factor Receptor Ligands as Anticancer Candidate for NSCLC by Prof. Dr. apt. Daryono Hadi Tjahjono, M.Sc.Eng. (SF)
16.30 – 16.40	CLOSING ADDRESS FROM SECRETARY FOR RESEARCH OF LPPM ITB