

Grant Ceremony & Seminar on Research Findings Assisted by The Asahi Glass Foundation 2023

August 21st, 2023, Institut Teknologi Bandung
Auditorium Campus Center Timur, Jalan Ganesha 10 Bandung, INDONESIA

10.00 – 10.10	REGISTRATION AND MORNING COFFEE
10.10 – 10.20	OPENING ADDRESS FROM CHAIR OF LPPM ITB (Dr. Yuli Setyo Indartono)
10.20 – 10.30	OPENING ADDRESS FROM SENIOR EXECUTIVE DIRECTOR OF THE ASAHI GLASS FOUNDATION (Dr. Naoki Sugimoto)
	Morning Session (Energy, Disaster Mitigation and Material Science) Moderator: Windy Iriana, S.T., M.T., Ph.D.
10.30 – 10.45	Model for Energy Transition Ecosystem in Indonesia: Designing Drama-Theoretic Management System in capturing and analyzing the dilemmatic situations by Dr. Eng. Pri Hermawan, S.T., M.T. (SBM)
10.45 – 11.00	Risk Evaluation of Land Subsidence and its Socio-Economic Impact in Bandung Basin by Dr. Irwan Gumilar, S.T., M.Si. (FITB)
11.00 – 11.15	Automatic Real-time Monitoring of Water Vapour from the Indonesian Permanent GNSS Network for Hydro-Meteorological Disaster Management by Dr. techn. Dudy Darmawan Wijaya, S.T., M.Sc. (FITB)
11.15 – 11.30	Development of Flood Inundation Analysis due to Climate and Land-Use Changes Scenarios for Disaster Management in the Coastal Area of Bireuen District, Aceh Province by Dr. Ir. Eka Djunarsjah, M.T. (FITB)
11.30 – 11.45	Development of Majalaya Watershed's Future Extreme Flows Projection using Remote Sensing and Machine Learning Methods by Faizal Immaddudin Wira Rohmat, S.T., M.T., Ph.D. (Center for Water Resources Development)
11.45 – 12.00	Quantum Information Propagation in Open Systems for Development of Future Quantum Technology by Prof. Drs. Freddy Permana Zen, M.S., M.Sc., D.Sc. (FMIPA)
12.00 – 13.00	BREAK
13.00 – 14.00	<ul style="list-style-type: none"> ■ OPENING CEREMONY <ul style="list-style-type: none"> • Speech by Vice Rector for Research and Inovation ITB (Prof. Ir. I Gede Wenten, M.Sc., Ph.D.) • Speech by Chairman of The Asahi Glass Foundation (Mr. Takuya Shimamura) ■ Certification Grant Awards 2023 (14 researchers) by The Asahi Glass Foundation
	Afternoon Session (Life Science, Health and Economy) Moderator: Farid Putra Bakti, S.T., M.Sc., Ph.D.
14.00 – 14.15	The Development of Microcapsules of Isoflavone Extract Fraction from Soya Tempeh as Suplement for Polycystic ovary Syndrome (PCOS) by Prof. Dr. Sukrasno, M.S. (SF)
14.15 – 14.30	Correlation between Enteric Infections and Linier Growth Retardation: A Retrospective Case Control Study in Childhood Stunting in Aceh Province, Indonesia by Dr. Lucy Dewi Nurhajati Sasongko, M.Si. (SF)
14.30 – 14.45	Photocatalytic Degradation of Pharmaceutical Wastes Using Nitrogen-Doped Titanium Dioxide (N-TiO ₂) Catalyst by Wibawa Hendra Saputera, S.Si., M.Si., M.Sc., Ph.D. (FTI)
14.45 – 15.00	Turning Waste into Values with Community based Approach by Melia Famiola, S.T.P., M.T, Ph.D. (SBM)
15.00 – 15.15	Sericin Hydrogel Containing Moringa Oleifera Leave Extract for Wound Healing Scaffold by Lia Amelia Tresna Wulan Asri, S.Si., M.Si., Ph.D. (FTMD)
15.15 – 15.30	Development of Surface-Plasmon Resonance (SPR) Biosensor Based on 2-Dimensional Transition Metal Dichalcogenide (MoS ₂) Nanosheets for the Detection of Cholesterol by Dr. Eng. Muhammad Iqbal, S.T., M.T. (FTI)
15.30 – 15.45	Effects of Audio in Virtual Reality System to Lower Limb Prosthetic User: A Step for Designing Gait Training System for Amputee by Dwita Astari Pujiartati, S.T, M.T. (FTI)
15.45 – 16.00	Dynamic Modeling of Blockchain Adoption for Sustainable Business Model by Yos Sunitiyoso, S.T., M.Eng., Ph.D. (SBM)
16.00 – 16.10	CLOSING ADDRESS FROM SECRETARY FOR RESEARCH OF LPPM ITB (Dr.rer.nat. Rino Rakhmata Mukti, S.Si., M.Sc.)