



# INSTITUT TEKNOLOGI BANDUNG

## LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

Gedung CRCS Lantai 6, Jalan Ganesa No. 10 Bandung 40132, Telp. (022) 86010050, 86010051

Email : lppm@lppm.itb.ac.id, website : www.lppm.itb.ac.id

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Nomor : 3215/I1.B04.1/PL/2018

25 Juni 2018

Perihal : Overseas Research Grant

The Asahi Glass Foundation

Yang Terhormat,

1. Dekan FMIPA
2. Dekan STEI
3. Dekan FTI
4. Dekan FITB
5. Dekan SITH
6. Dekan FTSL
7. Dekan FTTM

Institut Teknologi Bandung

Menindaklanjuti surat Senior Executive The Asahi Glass Foundation tanggal 4 April 2018, bersama ini dengan hormat kami sampaikan bahwa berdasarkan hasil ketetapan Board of Directors The Asahi Glass Foundation, proposal yang diajukan oleh para peneliti terlampir dinyatakan **disetujui** untuk didanai melalui Program Overseas Research Grant, The Asahi Glass Foundation.

Proses pencairan dana Program The Asahi Glass Foundation 2018 akan dikelola oleh masing-masing Fakultas/Sekolah. Sehubungan dengan hal tersebut, mohon bantuan Bapak/Ibu Dekan Fakultas/Sekolah menginformasikan para pelaksana untuk memasukkan data Rencana Anggaran dan Biaya (RAB) ke SIPPMM paling lambat tanggal **2 Juli 2018**.

Perlu kami informasikan juga bahwa pelaksanaan kegiatan penelitian asahi dijadwalkan mulai bulan Juni 2018 sampai dengan bulan Mei 2019.

Demikian kami sampaikan. Atas perhatian dan bantuan yang diberikan, kami ucapkan terima kasih.

Ketua LPPM,

Prof. Dr. Eng. Khairurrijal, MS  
NIP. 19650216 199103 1 002



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Tembusan Yth.:

Wakil Rektor Bidang Riset, Inovasi dan Kemitraan (sebagai laporan).

Dr. Eng. Asep Saepuloh - KK Geologi - ITB

Dr.Ir. Kosasih Prijatna M.Sc. - KK Geodesi - FITB

Dr.Ir. Johan Arif MT - KK Geologi Terapan - FITB

Dr. Muchtadi Intan Detiena M.Si. - KK Aljabar - FMIPA

Dr. Inge Magdalena Sutjahja S.Si.,M.Si. - KK Fisika Magnetik dan Fotonik - FMIPA

Wahyu Srigutomo S.Si.,M.Si.,Ph. - KK Fisika Bumi dan Sistem Kompleks - FMIPA

Dr. Suprijanto ST,MT - KK Instrumentasi dan Kontrol - FTI

Elvi Restiawaty Ph.D - KK Perancangan dan Pengembangan Proses Teknik Kimia - FTI

Dr. Hendra Grandis - KK Geofisika Terapan - FTTM

Dr. Saut Aritua Hasiholan Sagala ST., M.Sc - KK Perencanaan Wilayah dan Perdesaan - SAPPK

Dr. Niken Prilandita ST., M.Sc. - KK Perencanaan dan Perancangan Kota SAPPK

Dr. Anggraini Barlian M.Sc. - KK Fisiologi, Perkembangan Hewan dan Sains Biomedika - SITH

Fenny Martha Dwivany S.Si.,M.Si.,Ph. - KK Genetika dan Biologi Molekuler - SITH

Hasballah Zakaria ST., MT. - KK Teknik Biomedika - STEI

Donny Danudirdjo ST., MT. - KK Teknik Biomedika - STEI

Dr.Ir. Adit Kurniawan M.Eng. - KK Teknik Telekomunikasi - STEI

**Daftar Penerima The Asahi Glass Foundation Overseas Research Grant 2018**

No	Nama Peneliti	Fakultas/ Sekolah	Judul Proposal	Jumlah Dana (Rp.)
1	Dr. Eng. Asep Saepuloh	FITB	Detection of Magmatic Gas Leakage at Volcano Environment to Asses Fluid Paths using Satellite Thermal Infrared and Ground Sensors	63.110.000
2	Dr. Ir. Kosasih Prijatna, M.Sc.	FITB	Detection of Sea Level Change due to Super Typhoon Haiyan Using Multi-mission Satellite Altimetry (Case Study: IndonesianWater)	63.110.000
3	Dr. Ir. Johan Arif, MT	FITB	Environment in Rembang Zone in East Java During Plio-Pleistocene Based on Limestone Formation-Based of Climate Change	63.110.000
4	Dr. Muchtadi Intan Detiena, M.Si.	FMIPA	Construction of Hybrid Quantum Codes from Nested Linear Codes	63.110.000
5	Dr. Inge Magdalena Sutjahja, S.Si., M.Si.	FMIPA	Thermophysical Characterization of Ionic Liquid based on Immidazolium or Ammonium Cations as Latent Thermal Energy Storage	63.110.000
6	Wahyu Srigutomo, S.Si., M.Si., Ph.D.	FMIPA	Development of 3-D Magnetotelluric Finite Element Modeling and Efficient Non-Linear Inversion in Volcanology and Geothermal System.	63.110.000
7	Dr. Suprijanto, ST., MT.	FTI	Understanding the Resonance Scattering Phenomenon on the Interaction between Ultrasound Wave and Needle in Soft Tissue: toward to Needle Visibility Enhancement on Medical Ultrasound-Guided for Needle Insertion	63.110.000
8	Elvi Restiawaty, Ph.D	FTI	Optimization of Operating Condition for Cellulose Nanocrystals Production from Agro-Industrial Waste	63.110.000
9	Prof. Dr. Hendra Grandis	FTTM	Modelling of Controlled-Source Audio Magnetotelluric (CSAMT) data for geothermal exploration	126.220.000
10	Dr. Saut Aritua Hasiholan Sagala, ST., M.Sc.	SAPPK	Increasing livelihood opportunity of community in rural area through renewable energy, Case Study: East Sumba.	63.110.000
11	Dr. Niken Prilandita, ST., M.Sc.	SAPPK	Understanding of Urban Gas Consumer Demand in Palembang city through Agent-based Modelling	63.110.000
12	Dr. Anggraini Barlian, M.Sc.	SITH	Stem cell Application in Tissue Engineering for Back Pain Injury	63.110.000
13	Fenny Martha Dwivany, S.Si., M.Si., Ph.	SITH	The Transcriptomics Study on Ripening Process of "Klutukâ"Banana (Musa balbisiana - B Genome)	63.110.000
14	Donny Danudirdjo, ST., MT.	STEI	A Prototype of Magnetic Field Camera	63.110.000
15	Dr. Ir. Adit Kurniawan, M.Eng.	STEI	Improved-Capacity and Spectrum-Efficient Wireless Access Network to Support Internet of Things in 5G/6G Wireless Communication Systems.	63.110.000
16	Dr. Hasballah Zakaria, ST., MT.	STEI	Mobile Non-invasive Hemoglobin Measurement for Maternal Health Monitoring	126.220.000