



INSTITUT TEKNOLOGI BANDUNG

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LIST SELECTED PROPOSAL OF THE ASAHI GLASS FOUNDATION Overseas Research Grant 2016

No	Principal Investigator	Title of Proposed Research	Faculty / School
1	Drs. Abdul Waris M.Eng.,Ph.D.	Three Dimensional Core Analysis of Nuclear Spent Fuel Direct Recycling Scheme in PWR	FMIPA
2	Dr Anita Alni	Thermodynamic stability of anti-pyran compounds and their bioactivity against P-388 Murine Leukimia Cells	FMIPA
3	Dr. Rajesri ST,MT	The design of a methodology for IT-Business alignment to support e-commerce implementation in SMEs	FTI
4	Dr. Eng. Dwi Irwanto S.Si., M.Si., M	Investigation of Mechanical Behavior of Austenitic Stainless Steels by Means of In-situ Test in Lead-alloy Environment	FMIPA
5	Elvi Restiawaty Ph.D	Development of biorefinery from lignocellulosic biomass: production of bioethanol	SITH
6	Dr.Ir. Hermawan Judawisastra M.Eng.	Development of biodegradable silk fibroin scaffold for tissue engineering applications.	FTMD
7	Dr. Ahmad Faizal	Establishment of hairy root lines and analysis of secondary metabolite production in the medicinal plant <i>Talinum paniculatum</i> (Javanese ginseng)	SITH
8	Dr. Ing. Bonar Tua Halomoan Marbun	Optimization of Tubular Goods Material Selection in Injection Well for Carbon Capture and Storage (CCS) Application	FTTM
9	Dr.Eng. Sidik Permana S.Si.,M.Eng.	Analysis on Effect of Different Nuclear Fuel Loading to Fuel Breeding Capability and Plutonium Proliferation Aspect in Fast Breeder Reactor	FMIPA
10	Dr. rer.nat. Rino Rakhmata Mukti S.Si.,M.Si.	Eco-friendly synthesis of SAPO-34: Introduction of mesopores for an efficient methanol-to-olefin (MTO) reaction	FMIPA
11	Dr. Gede Suantika S.Si.,M.Si.	Quorum sensing-disruption capacity of microalgae-bacteria culture in Pacific white shrimp <i>Litopenaeus vannamei</i> larviculture towards pathogenic <i>Vibrio campbelii</i> infection	SITH
12	Dr. Saut Aritua Hasiholan Sagala ST., M.Sc	Increasing Energy Security through Institution Adaptive Capacity, Case Study: Palembang City Indonesia	SAPPK
13	Dr. Irwan Meilano ST,M.Sc.	Interaction between Crustal Deformation and Geothermal Resources Analyzed using Global Positioning System (Study Case Kamojang Geothermal Power Plant)	FITB
14	Dr.Eng. Ferry Iskandar M.Eng.	Approaching 2D-materials with Langmuir Schaefer Method	FMIPA