

The Asahi Glass Foundation 2013 Research Grant

No	Principal Investigator	KK	Faculty/ School	Title of Proposed Research
1	Prof. Ir. Hasanuddin Z.A. M.Sc.,Ph.D.	Geodesi	FITB	Mapping and Analysis of Land Subsidence Impacts in Jakarta Area
2	Prof. Dr. Zaki Su'Ud M.Eng.	Fisika Nuklir dan Biofisika	FMIPA	Inherent Safety Optimization of 800 MWt Modular Gas Cooled Fast Reactor
3	Dr. Veinardi Suendo S.Si.	Kimia Anorganik dan Fisik	FMIPA	Synthesis of Tetramino-Porphyrin/Polyaniline Complex as Optic Active Layer in Organic Optoelectronic Applications
4	Dr. Agus Yodi Gunawan	Matematika Industri dan Keuangan	FMIPA	Effect of a Surfactant on the Dynamics of Oil Droplet near a Solid Substrate
5	Drs. Abdul Waris M.Eng.,Ph.D.	Fisika Nuklir dan Biofisika	FMIPA	Analysis of Nuclear Spent Fuel Direct Recycling in PWR using SCALE-6 and ENDF/B-VII Nuclear Data Library
6	Dr. Roberd Saragih MT	Matematika Industri dan Keuangan	FMIPA	Reduced Bilinear Control Systems using H_{∞} -Balancing
7	Dr. Fourier Dzar Eljabbar Latief	Fisika Bumi dan Sistem Kompleks	FMIPA	Study of Characteristic of Random Penetrable Grain Model And Gravity Driven Sedimentation Model
8	Prof.Dr.Ing. Mitra Djamal	Fisika Teoritik Energi Tinggi dan Instrumentasi	FMIPA	Fabrication of PVDF Thin Film Using Evaporation Method and Characterization
9	Prof. Dr.rer.na Umar Fauzi	Fisika Bumi dan Sistem Kompleks	FMIPA	Kaolin Identification in Rock based on Microscope, SEM and Micro-Tomographic Images
10	Prof.Dr. Ismunandar	Kimia Anorganik dan Fisik	FMIPA	Single Cell Test Using Codoped Ceria as Electrolyte
11	Dr. Suprijanto ST,MT	Instrumentasi dan Kontrol	FTI	Evaluation of Image Analysis Methods for Early Osteoporosis Detection with on Dental Panoramic 2D-Images on Mandibula Bone Based on Correlation with Histomorphometry 3D Data Micro-CT Images
12	Dr. Rajesri ST,MT	Sistem Industri dan Tekno-ekonomi	FTI	The Development of Model on ERP Postimplementation Management
13	Edwan Kardena Ph.D.	Rekayasa Air dan Limbah Cair	FTSL	Desorption and Recovery of Bounded Strategic Metals on Immobilized Local Bioresin for Treating Heavy Metals-Bearing Wastewater
14	Prof. Sri Widiyantoro M.Sc.,Ph.D.	Geofisika Global	FTTM	Reconstruction of Subsurface Structure from Ambient Seismic Noise in Jakarta Area
15	Prof. Dr. Daryono Hadi Tj. Apt.,M.Si.	Farmakokimia	SF	In Silico and QSAR study of Curculigoside A Derivatives isolated from rhizomes of Congkok (Curculigo orchioides) as Anti-cancer Candidate
16	Dr. Tjandra Anggraeni	Fisiologi, Biologi Perkembangan, dan Biomedika	SITH	Integrated Pest Management : Effects of Plant Biopesticides and Entomopathogenic Fungi Combinations to Insect Pest Anatomy Damage and Their Immune Proteins Content

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1	Drs. Abdul Waris M.Eng.,Ph.D.	Fisika Nuklir dan Biofisika	FMIPA	Safety Analysis of Direct Recycling of Nuclear Spent Fuel in Light Water Reactor (LWR)
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