

**25th INDONESIA TORAY SCIENCE FOUNDATION
SCIENCE TECHNOLOGY AWARD 2018 APPLICANTS**

NO	NAME	Gender	UNIVERSITY	Field & Focus of Research	TITLE
1	Prof. Dr. Widodo Budiharto, S. Si., M. Kom Tanjung Pinang, 27 April 1977 Email: wbudiharto@binus.edu	Male	Bina Nusantara University Fac of School of Computer Science Dept of Computer Science Jl. KH. Syahdan No. 9 Jakarta Barat 17510 T. (021) 534-5830 / F. (021) 535-0655	Intelligent system for education and assistive technology	Artificial Intelligence for Better Life
2	Prof. Dr. Ir. Made Astawan, MS Singaraja, 02 February 1962 Email: mastawan@yahoo.com	Male	Bogor Agricultural University Fac of Agricultural Engineering & Technology Dept of Food Science & Technology Kampus IPB Darmaga, Bogor 16680 T/F. (0251) 862-6725	The Role of Tempe Bioactive Components for Health	The Utilization of Tempe made from Germinated Local Soybeans as Hypotensive, Hypocholesterolemic, and Hypoglycemic Functional Foods
3	Dr. rer. Nat. Witri Wahyu Lestari, S. Si., M. Sc Demak, 22 December 1980 Email: witri@mipa.uns.ac.id	Female	Sebelas Maret University Fac of Mathematics & Natural Sciences Dept of Chemistry Jl. Ir. Sutami No. 36 A Jebres, Surakarta, Jawa Tengah 57126 T. (0271) 669376 / F. (0271) 663375	Advanced Material based on Metal-Organic Frameworks (MOFs): Synthesis, Innovation, and their Application for Sustainable Development	Organometallic and Coordination Chemistry especially in the Synthesis of Metal-Organic Frameworks (MOFs), also known as Porous Coordination Ploymers/Coordination Networks
4	Dr. Arridina Susan Silitonga S.T., M.Eng Pematang Siantar, 23 January 1981 Email: arridina@polmed.ac.id	Female	Politeknik Negeri Medan Dept of Mechanical Engineering Jl. Almamater No. 1, Padang Bulan, Medan Baru, Meda, Sumatera Utara 20155 T. (061) 821-0371 / F. (061) 821-5845	Biodiesel	Alternative Fuel
5	Aotar, S. Si., M. Pd Takengon, 10 December 1975 Email: aotarbio@yahoo.com	Male	SMPN 1 Wih Pesam Dept of Biology Jl. Takengon SP Teritit Pondok Baru Blang Panas Bener Meriah, DI Aceh 24581	Use of Coffee Leather Use of Beverages for Healthy Coffee The Body has Economic Value	At Kampung Mongal Bebesen Sub-district, Aceh Tengah District, Province Aceh
6	Lindung Zalbuin Mase, Ph. D Bengkulu, 13 April 1988 Email: lmase@unib.ac.id	Male	Bengkulu University Fac of Engineering Dept of Civil Engineering Jl. WR. Supratman No. 2, Kandang Limun, Bangkahulu, Bengkulu 38371 T. (0736) 21170, 21884 F. (0736) 22105	Seismic Response Analysis and Liquefaction	Seismic Response Analysis and Liquefaction Phenomenon Due to Subduction and Active Fault Earthquake in South East Asian and Japan
7	Dr. Ivandini Tribidasari Anggraningrum Jakarta, 29 January 1970 Email: ivandini.tri@sci.ui.ac.id	Female	University of Indonesia FMIPA - Dept of Chemistry Gedung Dekanat lantai 2, FMIPA, Kampus UI Depok, DKI Jakarta 16424 T/F. (021) 727-0027	Electrochemistry of Boron-Doped Diamond for Applications in Sensors, Biosensors, and Electrocatalysis	Electrochemistry

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8	Dodi Safari, S. Si., Ph. D Cianjur, 05 March 1977 Email: safari@eijkman.go.id	Male	Eijkman Institute for Molecular Biology Dept of Molecular Bacteruology Unit Head of Molecular Bacteriology Unit Jl. Diponegoro No. 69 DKI Jakarta 10430 T. (021) 391-7131 / F. (021) 314-7982	Development of Syntetic Carbohydrate Based Vaccine	The Immunogenicity of Synthetic Carbohydrate and Gold Glyconanoparticles (GNPs) based on the Capsular Polysaccharide Structure of <i>Streptococcus pneumoniae</i>
9	Prof. Dr. Edvin Aldrian, B. Eng. M. Sc Jakarta, 02 August 1969 Email: edvin.aldrian@bppt.go.id e_aldrian@yahoo.com	Male	BPPT Deputi Bidang Teknologi Pengembangan Sumber Daya Alam Balai Besar Teknologi Modifikasi Cuaca Gedung Ir. Mohammad Soebagio Kluster IV Komplek Geostech Kawasan PUSPITEK Serpong Tangerang - Banten 15314 T. (021) 7579-1381 ext 4175 F. (021) 7579-1409	Modelling of Indonesian Climate with a Coupled Regional Model	Climate Modeling for Climate Change Science
10	Prof. Dr. Ir. Cece Sumantri, M. Sc Bandung, 12 December 1959 Email: csumantri12@gmail.com	Male	Bogor Agricultural University Fac of Animal Science Dept of Animal Production & Technology Head Division of Animal Breeding and Genetic Kampus IPB Dramaga Jl. Agatis, Bogor 16680 T/F. (0251) 862-8379	The Application of molecular genetic on increasing productivity and quality of local chicken in Indonesia	Identification of Marker Gene for Increasing Meet Production and Meat Quality, Fatty Acid composition, resistant to rival (ND/tetelo) and Bacterial (samonella) disease in Indonesian Local Chicken
11	Dr. Edi Suharyadi, M. Eng Sampang, 15 March 1975 Email: esuharyadi@ugma.ac.id	Male	Gadjah Mada University FMIPA - Dept of Physics Vice Dean for Research, Community Service, and Cooperation FMIPA Sekip Utara BLS 21, DI Yogya 55281 T/F. (0274) 51339	Magnetic Nanostructures, Magnetism, and Spintronics	Magnetic Nanostructures: Fabrication and Applications for Electronic Devices, Life Sciences and Environment
12	Dra. Rintis Noviyanti, Ph. D Jakarta, 30 November 1968 Email: rnoviyanti2@gmail.com rintis@eijkman.go.id	Female	Eijkman Institute for Molecular Biology Dept of Malaria Pathologogenesis Unit Unit Head, Principal Investigator, Senior Research Fellow Jl. Diponegoro No. 69 DKI Jakarta 10430 T. (021) 391-7131 / F. (021) 314-7982	Malaria Pathogenesis and Genomics Studied in Search for Malaria Diagnostic Tools and Vaccines	Malaria

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13	dr. Gunadi, Ph. D., Sp. BA Banyuwangi, 19 November 1979 Email: drgunadi@ugm.ac.id	Male	Gadjah Mada University Fac of Medicine, Public Health & Nursing Dept of Pediatric Surgery Coordinator for Genetics Working Group Jl. Farmako Sekip Utara, Sleman DI Yogya 55281 T/F. (0274) 631036	Molecular Genetics of Congenital Anomalies	Molecular Genetics Pathogenesis of Hirschsprung Disease in Indonesia
14	Felycia Edi Soetaredjo, Ph. D Surabaya, 02 April 1977 Email: felyciae@yahoo.com	Female	Widya Mandala Catholic University Fac of Engineering Dept of Chemical Engineering Vice Dean in Academic Affairs Jl. Kalijudan No. 37 Surabaya 60114 T. (031) 389-1264 / F. (031) 389-1267	Biomass and Bioenergy	Waste and Biomass Valorization