

GRANT CEREMONY & SEMINAR ON RESEARCH FINDINGS



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THE ASAHI GLASS FOUNDATION

PRESENTATION

Photocurrent Enhancement by Localized Surface Plasmon Resonance of Gold and Silver Nanoparticles Functionalized by Organic Molecules in Dye Sensitized Solar Cells
by **Dr. Eng. Priastuti Wulandari, S.Si., M.Si. (FMIPA)**

Development of Modular 50-200 MWe Gas Cooled Fast Reactors with high energy conversion
by **Prof. Dr. Zaki Su'ud, M.Eng. (FMIPA)**

Synthesis of nano mordenite zeolite in the absence of OSDA for bioplastic production
by **Dr.rer.nat. Rino R. Mukti, S.Si., M.Si. (FMIPA)**

Solvent-free, OSDA-free synthesis of ZSM-5 zeolites from rice husks: Towards a sustainable route
by **Dr. Grandprix T. M. Kadja, S.Si., M.Si. (FMIPA)**

Synthesis and Characterization of Immobilized Lipase onto Cellulose Nanocrystals for Biodiesel Production
by **Dr. Yogi Wibisono Budhi, ST., MT. (FTI)**

Transparent and conductive graphene electrodes derived from waste battery for electrochromic application
by **Dr. Ir. Hermawan Judawisastra, M.Eng. (FTMD)**

Co₂ release related with tectonic activities and its impact to groundwater chemistry, challenge of carbon capture storage and atmospheric environment
by **Irwan Iskandar, ST., MT., Ph.D. (FTTM)**

Hydro-geotechnical study of liquefaction potential in Bandung Basin - Learning from the Palu earthquake
by **Dr.rer.nat.Ir. Lilik Eko Widodo, MS. (FTTM)**

Environmental Geoscience Investigation on Searching a Newly Unidentified Fault in Eastern Indonesia
by **Dr. Endra Gunawan, ST., M.Sc. (FTTM)**

Magnetic-based method for field-screening of Ni hyperaccumulator plants
by **Prof. Dr. Satria Bijaksana (FTTM)**

Development of Ethanolic Extracts Combination of Centella asiatica and Ipomoea aquatica as a Hypnotic-Sedative Drug: Extract Standardization and Lab Scale Capsule Formulation
by **Dr. Neng Fisher Kurniati, S.Si., M.Si., Apt. (SF)**

Transcriptomic study on liver cells overexpressing Hepatitis B Virus X mutant protein T118N.
by **Dr. Alucia Anita Artarini, Msc., Apt. (SF)**

Response of Microbial Community Structure and Dynamics of Chitosan Treated Banana during Fruit Ripening using Omics Technology Approach
by **Husna Nugrahapraja, Ph.D (SITH)**

Improved-Capacity and Spectrum-Efficient Wireless Access Network to Support Internet of Things in 5G/6G Wireless Communication Systems (Year-2)
by **Prof. Dr. Ir. Adit Kurniawan, M.Eng. (STEI)**

MONDAY, 14 SEPTEMBER 2020

LIVE ON YOUTUBE LPPM ITB

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