

POSTER SESSION 1 (TUESDAY, 12 DEC 2017)

Poster No.	Participant	Title	Institution
P-D1-1	Ms. Myo myo Thu	Effects of Hydrochloric Acid (HCl) on the Properties of Tomato Thin-film	Universiti Sains Malaysia
P-D1-2	Mr. Mohd Syakirin Rusdi	Numerical investigation on the effect of squeegee angle during solder printing process	Universiti Sains Malaysia
P-D1-3	Dr. Mohd Nazri Idris	Inhibition Efficiency of Quaternary Ammonium Compounds Based Using Electrochemical Technique	Universiti Sains Malaysia
P-D1-4	Prof. Zuhailawati Hussain	Effect of SiC concentration on electrochemical and mechanical behavior of Zn-SiC composite coating	Universiti Sains Malaysia
P-D1-5	Ms. Nur Adriana Nazifa Abu Bakar	Influence of Ultra-fine grain structure formed via ECAP to the corrosion behaviour of SAC 305 solder	Universiti Sains Malaysia
P-D1-6	Ms. Kanchana Motham	Influent of soaking time in liquid nitrogen on microstructure and mechanical properties of AISI 1018 processed by cryorolling	Universiti Sains Malaysia
P-D1-7	Mr. Eltefat Ahmadi	Chlorination of iron-containing nitrided ilmenite prepared by carbothermal process with addition of polystyrene to coal	Universiti Sains Malaysia
P-D1-8	Dr. Anasyida Abu Seman	Properties of porous magnesium using polymethyl methacrylate (PMMA) as a space holder	Universiti Sains Malaysia
P-D1-9	Mrs. Laila Masrur Mohd Nasir	Effect of T6 Heat Treatment on Semisolid A356-TiB ₂ Composite	Universiti Sains Malaysia
P-D1-10	Assoc. Prof Nurulakmal Mohd Sharif	Potential of EAF C slag as soil modifier in mangrove area: Characterization of EAF C slag	Universiti Sains Malaysia
P-D1-11	Dr. Tuti Katrina Abdullah	Corrosion behaviour of Hastelloy C22 in alkali salt environment	Universiti Sains Malaysia
P-D1-12	Mr. Mohamed Gebriil	Corrosion Improvement and Microstructure Evaluation of Semi-solid A356 Alloy by ECAP Process	National University of Malaysia
P-D1-13	Ms. Habsah Haliman	Inhibitive measurement of benzalkonium chloride by potentiodynamic polarization method and XPS analysis	Universiti Sains Malaysia
P-D1-14	Ms. Thet Thet Swe Thet Thet Swe	Synthesis and characterization of bioactive quaternary silicate gel-glasses	Universiti Sains Malaysia
P-D1-15	Assoc. Prof Khairunisak Abdul Razak	The effect of hydrothermal reaction temperature on properties bismuth modified electrode for Electrochemical Pb sensor	Universiti Sains Malaysia
P-D1-16	Ms. Myat Myat Htun	Effect of Milling Speed and Sintering on the Formation of Akermanite	Universiti Sains Malaysia
P-D1-17	Prof. Mariatti Jaafar	Effect of chitosan concentration on the properties of PLA/β-TCP scaffold produced by combination of solvent casting and salt leaching techniques	Universiti Sains Malaysia
P-D1-18	Mr. Muhammad Syazwan Mohd Noor	Co-Sr doped carbonated hydroxyapatite: A biomaterial with enhanced mechanical and bioactivity properties	Universiti Sains Malaysia
P-D1-19	Mr. Tran Thanh Tam	A review on mechanical properties of scaffold in tissue engineering: Aloe vera composites	Universiti Sains Malaysia
P-D1-20	Dr. Nurazreena Ahmad	Effect of freezing temperature on the pore formation of beta tricalcium phosphate scaffold	Universiti Sains Malaysia
P-D1-21	Ms. Yuet Lee Ying	Inactivation of bacteria by WO ₃ /ZnO particles	Universiti Sains Malaysia
P-D1-22	Ms. Nurhidayah Abdul Muthalib	Study on bamboo sawdust structure breakage on leaching application	Universiti Sains Malaysia
P-D1-23	Ms. Wan Nur Syafiqah Hairul Anuar	Significant of mineralogical study for the chemical analysis of weathered ore in malaysia	Universiti Sains Malaysia
P-D1-24	Dr. Nurul Ain Jabit	Characterization and Leaching Kinetics of Ilmenite in hydrochloric acid solution for titanium dioxide production	Universiti Sains Malaysia
P-D1-25	Dr. Teuku Andika Rama Putra	Characterization of Malaysian monazite concentrate for the recovery of thorium dioxide	Universiti Sains Malaysia
P-D1-26	Mrs. Hasliza Mat Saad	Preliminary study on characterisation of valuable minerals in amang from south thailand for potential extraction	Universiti Sains Malaysia
P-D1-27	Dr. Mohd Hazizan Mohd Hashim	Deterministic and probabilistic assessments of the slope stability of Kota Bunyih Dam, Pengkalan Hulu, Perak	Universiti Sains Malaysia
P-D1-28	Ms. Nur Emilia Qistina Mohd Anua	Petrography and geochemistry of Kinta Valley palaeozoic carbonate rocks	Universiti Sains Malaysia
P-D1-29	Ms. Nur Qurrahtin A'ini Md.yusof	Reliability of using standard penetration test (SPT) in predicting properties of soil	Universiti Sains Malaysia
P-D1-30	Mr. Mohd Khairul Nizam Mahmad	Synthesis and characterization of Schwertmannite by neutralization method	Universiti Sains Malaysia
P-D1-31	Mr. Mohd Fadzi Hamid	A study of performance of a diesel engine fueled with emulsified biofuel and its blends	Universiti Sains Malaysia
P-D1-32	Ms. Chanikarn Srinark	The advantage of porcine follicular fluid protein from small size follicle on porcine oviductal epithelial cell viability and growth	Silpakorn University
P-D1-33	Dr. Nik Akmar Rejab	Role of Y ₂ O ₃ Stabilize ZrO ₂ in Toughened Al ₂ O ₃ via Hot Isostatic Press Sintering	Universiti Sains Malaysia
P-D1-34	Dr. Hereyani Zabidi	Mechanical anisotropy of jointed rock mass under uniaxial compression and tensile loading	Universiti Sains Malaysia
P-D1-35	Mrs. Nor Hafizah Che Ismail	Improving flexural properties of ABS/muscovite composites by introducing modified muscovite	Universiti Sains Malaysia
P-D1-36	Ms. Thi Thu Trang Tran	Properties of Surface Engineered Gentamicin Loaded PLA Microspheres with NaOH treatment	Universiti Sains Malaysia
P-D1-37	Dr. Arjulizan Rusli	Thermo-mechanical, tensile and morphological properties of allylic monomer as reactive plasticizer and reinforcement in polystyrene/polyphenylene oxide	Universiti Sains Malaysia
P-D1-38	Mr. Ahmad Fikri Abdul Karim	Crosslink density, mechanical, and morphological properties of kenaf filled pre Vulcanized natural rubber latex foam	Universiti Sains Malaysia
P-D1-39	Ms. Khairiyah Hanisah Hasni	Synthesis of porous carbonate apatite/gelatin scaffolds via freeze drying method	Universiti Sains Malaysia

POSTER SESSION 2 (WEDNESDAY, 13 DEC 2017)

Poster No.	Participant	Title	Institution
P-D2-1	Assoc. Prof Azura A Rashid	Effect of application technique of natural rubber latex cleaning compounds	Universiti Sains Malaysia
P-D2-2	Prof. Kuan Yew Cheong	Effects of Oxalic Acid on the UV Sensing Property of Tomato Thin-film	Universiti Sains Malaysia
P-D2-3	Ms. Siti Amirah Alias	Effect of glycerol compositions on protein based thermoplastic from fish waste	Universiti Sains Malaysia
P-D2-4	Mr. Mohd Fikri Ab Rahman	The role of amylose and amylopectin on mechanical properties of sago starch filled natural rubber latex films	Universiti Sains Malaysia
P-D2-5	Mrs. Shuhairiah Daud	Studies on the influenced of Dextrin fillers on mechanical properties of carboxylate nitrile butadiene rubber films	Universiti Sains Malaysia
P-D2-6	Ms. Ngoc Thien Lai	Optimisation of pre-structuring process on magnetorheological elastomer performance	Universiti Sains Malaysia
P-D2-7	Mr. Afiq M. Azmi	Flow behavior analysis of EMC in molded underfill (MUF) encapsulation for multi flip-chip package	Universiti Sains Malaysia
P-D2-8	Dr. Norshahida Sarifuddin	Characterization of starch extracted from mango seeds	International Islamic University Malaysia (IIUM)
P-D2-9	Dr. Nor Fasihah Zaaba	Property comparison before and after electron beam irradiation of recycled polypropylene/peanut shell powder (RPP/PSP) composites	Universiti Sains Malaysia
P-D2-10	Ms. Han Min Soe	Properties of Graphene filled polyaniline nanocomposites	Universiti Sains Malaysia
P-D2-11	Dr. Mohd Nazri Idris	Adsorption studies of Remazol Brilliant Blue R dye on corncob based activated carbon	Universiti Sains Malaysia
P-D2-12	Ms. Nur Atiqqah Mohd. Moslim	Effect of Composition and Sintering Temperature on HA/ β -TCP Composite	Universiti Sains Malaysia
P-D2-13	Ms. Nur Atiqqah Mohd. Moslim	XRD Analysis of Calcined Magnesium Substituted Biphasic Calcium Phosphate (Mg-BCP)	Universiti Sains Malaysia
P-D2-14	Ms. Chuthathip Mangkonsu	Effect of magnesium oxide on physical and biological properties in β -tricalcium phosphate ceramic	Universiti Sains Malaysia
P-D2-15	Ir. Mohamad Azwan Mad Naser	Optimization of preparation conditions for Acid Red 88 dye removal using rubber seed coat based activated carbon	Universiti Sains Malaysia
P-D2-16	Mr. Sanjith Udayakumar	Mathematical modelling of titanium hydride formation from titanium tetrachloride with magnesium hydride using matlab	Universiti Sains Malaysia
P-D2-17	Ms. Najwa Ibrahim	Chlorination of titanium carbonitride (TiCN) for production of $TiCl_4$	Universiti Sains Malaysia
P-D2-18	Dr. Sivakumar Ramakrishnan	Kinetic modelling of carbothermal reduction of TiO_2 - Fe_2O_3 composite with compressed natural gas using MATLAB	Universiti Sains Malaysia
P-D2-19	Ms. Nurul Nadia Mohd Zorkipli	Synthesis of LiV_3O_8 materials using oxalic acid as chelating agent	universiti sains malaysia
P-D2-20	Mr. Mohd Fariz Ab Rahman	Effect of glass addition on the phase formation and microstructures evolution of CCTO ceramics for energy storage capacitor	Universiti Sains Malaysia
P-D2-21	Assoc. Prof Hasmaliza Mohamad	Fabrication of calcium doped PLSZT ceramics using high planetary mill method	Universiti Sains Malaysia
P-D2-22	Ms. Norshahli Mat Saad	The effects of mechanical properties on palm oil polyol based polyurethane foam reinforced wollastonite clay	Universiti Sains Malaysia
P-D2-23	Mr. Phyong Aung	Effect of polyurethane with various hard segment content on the properties of Bioglass [®] reinforced polyurethane scaffold	Universiti Sains Malaysia
P-D2-24	Mrs. Suhani Abdullah	Influence of soda lime glass addition on the dielectric properties of CCTO ceramics	Universiti Sains Malaysia
P-D2-25	Dr. Khatijah A. Yaacob	Deposition and characterisation of CdSe nanoparticle bilayers by chemical bath deposition for quantum dots sensitised solar cell	Universiti Sains Malaysia
P-D2-26	Mr. Anh Thi Le	Effectiveness of heavy metals removal of ZnO nanorods under UV irradiation	Universiti Sains Malaysia
P-D2-27	Ms. Atiqah Ahmad	The effect of silica nanoparticles dispersion in biological medium	Universiti Sains Malaysia
P-D2-28	Ms. Zulfa Aiza Zulkifli	Synthesis and characterization of bismuth oxide nanoparticles via hydrothermal: the effect of reactant concentrations	Universiti Sains Malaysia
P-D2-29	Ms. Nurain Najihah Alias	Comparison of KOH and TMAH etching on SiNW arrays fabricated via AFM lithography	Universiti Sains Malaysia
P-D2-30	Mrs. Norain Isa	Synthesis of TiO_2 nanotubes decorated with Ag nanoparticles (TNTs/AgNPs) for visible light degradation of methylene blue	Universiti Sains Malaysia
P-D2-31	Mr. Lim Shaw Fa	Wetting characteristic simulation of flip chip's lead-free solder interconnect using surface evolver	Universiti Sains Malaysia
P-D2-32	Dr. Khairul Anuar Shariff	Micro-CT evaluation on osteoconductivity of DCPD-coated β -TCP granule using experimental rats	Universiti Sains Malaysia
P-D2-33	Dr. Tuty Asma Abu Bakar	Effect of aging on the microstructure and hardness of Cu-Al-Ni shape memory alloy with addition of Mn	Universiti Teknologi Malaysia
P-D2-34	Prof. Zainal Arifin Ahmad	CCTO thin film synthesis by radio frequency magnetron sputtering	Universiti Sains Malaysia
P-D2-35	Mrs. Hasliza Binti Mat Saad	Preliminary study on characterisation of valuable minerals in Amang from south Thailand for potential extraction	Universiti Sains Malaysia
P-D2-36	Dr. Umar Al-Amani Azlan	Optimization of sodium potassium Niobate thin films with different deposition layers	Universiti Teknikal Malaysia Melaka
P-D2-37	Dr. Sam Sung Ting	Comparative properties analysis between microcrystalline cellulose and cellulose nanocrystals extracted from rice straw	Universiti Malaysia Perlis
P-D2-38	Mr. Tagwai Gregory Mathew	Remote sensing technique for lineament extraction in association with mineralization pattern in central belt peninsular Malaysia	Universiti Sains Malaysia
P-D2-39	Mr. Tagwai Gregory Mathew	Characterization and cation exchange capacity (CEC) analysis of weathered granite profile from Lumut, Perak	Universiti Sains Malaysia
P-D2-40	Dr. Bey Fen Leo	Stability, transformation and toxicity of engineered nanomaterials in biological systems	Universiti Malaya