

Track2 Poster Session

Time 15.00-15.30

Ref. NO.	Authors	Title	Remark
P137-T2P	Dr. Rungtiva Poo-arporn	The Influence of Calcination Temperature on (Photo)Electrochemical Property of TiO ₂ Prepared by the Sol-gel Method	
P176-T2A	Ms. Wipapong Kingkaew	Optimization of Lignin Production from Agricultural Waste	
P217-T2E	Dr. Prapapong Vangtook	Wind Energy Status and Potential in Thailand: A Review	
P124-T2E	Dr. Hiroshi Yamada	Hydrogen Production from Methane in Atmospheric Non-equilibrium Plasma	
P94-T2A	Mr. Aritat Wongmaek	Effect of Ni-Fe-Cr Alloy Contents on the Fabrication of Hydrogen Electrode of Solid Oxide Electrolysis Cells for Steam Electrolysis	
P43-T2A	Ms. Parintorn Temluxame	Phase Transformation and Electrical Properties of Bismuth Oxide doped Scandia Ceria and Gadolinia Stabilized Zirconia (0.5Gd0.5Ce10ScSZ) for Solid Oxide Electrolysis Cell	
P41-T2A	Ms. Pathiya Prasopchokkul	Ba _{0.5} Sr _{0.5} (Co _{0.8} Fe _{0.2}) _{1-x} TaxO _{3-δ} Perovskite Anode for Solid Oxide Electrolysis Cells	
P27-T2A	Asst.Prof.Dr. Toshihiro Nonaka	Synthesis and Evaluation of Visible Light Responsive BiVO ₄	

Track3 Poster Session

Time 15.00-15.30

Ref. NO.	Authors	Title	Remark
P107-T3E	Asst.Prof.Dr. Pajera Patanathabutr	Sappan Natural Dyed Biocomposites from Poly(lactic acid) and Aluminum Silicate Synthesized via Sol-gel Method from Rice Husk Ash	
P136-T3P	Dr. Rungtiva Poo-arporn	The Investigation of SiO ₂ Structure Obtained from the Combustion of Rice Husk	
P145-T3P	Mr. Watchrapon Panloetparnich	The Preparation of Composites between Polyaniline-Silver (PANI-Ag) via Interfacial Polymerization	
P149-T3P	Ms. Nataree Arsanasuwan	Effect of Titanium Dioxide on the Properties of Poly(Butylene Adipate-co-Terephthalate) Films	
P150-T3P	Ms. Jutamas Khieomuang	Fabrication of Non-woven Hybrid Natural Fiber/Poly(Lactic Acid) Composite via Prepreg Lamination	
P151-T3P	Mr. Jirayu Srikham	Foamability of Natural Rubber (NR)/Poly(Butylenes Adipate-co-Terephthalate) (PBAT) Thermoplastic Vulcanizate with OBSH as a Blowing Agent	
P153-T3P	Asst.Prof.Dr. Poonsub Threepopnatkul	Preparation and Characterization of PET/SEBS Incorporated with Organomontmorillonite	
P156-T3P	Asst.Prof.Dr. Sudsiri Hemsri	Low Density Polyethylene/Poly(butylene Adipate-co-Terephthalate) Films: Effect of a Compatibilizer on Morphology and Properties	
P202-T3P	Asst.Prof.Dr. Pat Sooksae	Deterioration of Open-cell Aluminum Foam in Strong Sulfuric Acid	
P203-T3P	Asst.Prof.Dr. Vorrada Loryuenyong	The Temperature-dependent Structural and Optical Properties of SrAl ₂ O ₆ -based Phosphor	
P207-T3P	Ms. Chalotorn Phiwchaum	Kinetic Study for the Co-pyrolysis of Water Hyacinth Biomass with Waste Polystyrene	
P208-T3P	Mr. Wasutorn Bualuang	Mechanical Properties and Foaming Behavior of Poly(Lactic Acid) Blend Polybutylene Succinate	
P209-T3P	Ms. Romteera Khanteesa	Effect of Poly(Ethylene Oxide) on the Properties of Poly(lactide) based Blends	
P212-T3P	Ms. Warabhorn Sudta	Study on Morphological and Mechanical Properties of Poly(Butylene Adipate-co-terephthalate) and Cassava Starch Blend	
P213-T3P	Ms. Janpet Phuengprai	Mechanical and Morphological Properties of Gelatin and Poly(Butylene Adipate-co-terephthalate) Blend	
P214-T3P	Asst.Prof.Dr. Chanchai Thongpin	The Effect of Rotor Speed on EVA/PBAT Blend using Twin Screw Extruder and Foamability of EVA/PBAT Blend	
P215-T3P	Asst.Prof.Dr. Chanchai Thongpin	Effect of Glycerol on Gluten filled in Natural Rubber/WG Composites	
P28-T3P	Asst.Prof.Dr. Natahporn Suwanpayak	Anatomical and Physical Properties of Tendril Perversion of Coccinia Grandis (L.) Voigt	
P58-T3A	Dr. Koji Yamada	Influence of Reinforcing Fiber to Strength of Mud Plasters	
P76-T3E	Assoc.Prof.Dr. Nattakarn Hongsrphan	Mechanical Enhancement of Biodegradable Poly(Butylene Succinate) by Biobased Polyamide11	

Track4 Poster Session

Time 15.00-15.30

Ref. NO.	Authors	Title	Remark
P205-T4P	Dr. Krongboon Singhanat	Long Range UAS Mission by LPWAN Communication	
P206-T4P	Dr. Krongboon Singhanat	Case Study of Data Exchange using Cross-Boundary Direct Interconnection between Highly Constrained Wireless Sensor Networks	
P86-T4A	Prof.Dr. Hiroya Andoh	Impedance Matching based on Simplified S-Matrix for Maximizing Wireless Power Transfer Efficiency	
P87-T4A	Prof.Dr. Keita Tsuzuki	Study of Fully Superconducting Rotating Machine using Magnetized Field Pole	
P126-T4E	Asst.Prof.Dr. Sutthipoj Wongrerkdee	Development of Convective Deposition System Controlled by Arduino Microcontroller and its Application in Thin Film Preparation for Organic Photovoltaic Fabrication	
P74-T4A	Prof.Dr. Toko Sugiura	Application of Artificial Voice to the Game Reporter System in RoboCup Soccer Small Size League	
P90-T4E	Assoc.Prof.Dr. Yanting Ni	Machine Vision based Grabbing Objects with Manipulator System Design	
P71-T4A	Mr. Yusei Naito	Study of Decision-Making Algorithm using Monte Carlo Tree Search for RoboCup Soccer Small Size Robots	

SpecialT Poster Session

Time 15.00-15.30

Ref. NO.	Authors	Title	Remark
P44-STP	Ms. Yuwadee Plaola	Continuous Production Biofuel via Hydrotreating under Pure Hydrogen and Synthesis Gas Atmosphere	