

SACT2018 Program

Date/Time	Friday December 14, 2018		
Venue: Empress Angkor Siem Reap Resort & Spa			
16.00 – 20.00	Registration: Royal Conference (4th Floor)		
Date/Time	Saturday December 15, 2018		
08.00-09.00	Registration: Royal Conference (4th Floor)		
09.00 – 09.30	Opening Ceremony: Royal Conference (4th Floor), <i>Everybody wear SACT2018 shirt</i> Welcoming speech by Assoc. Prof. Dr. Tosawat Seetawan and Assoc. Prof. Dr. Jakrapong Keawkao, Conference chairs Welcoming speech by H.E. Sieng Emtotim, Rector of University of Battambang Reporting by Assist. Prof. Dr. Anek Charoenpakdee, President of Thai Thermoelectric Society Opening remarks by Asst. Prof. Dr. Viroj Limkaisang, President of Rajamangala University of Technology Isan		
09.30 – 10.10	Keynote Speaker: (Keynote_01): Prof. Dr. Su-dong Park, South Korea	Chair: Prof. Dr. Rattikorn Yimnirun	
10.10 – 10.40	Invited Speaker: (Invited_01): Prof. Dr. Michitaka Ohtaki, Japan		
10.40 – 10.50	Coffee break: Royal Conference (1st Floor)		
10.50 – 11.20	Invited Speaker: (Invited_02): Assoc. Prof. Dr. Supree Pinitsoontorn, Thailand		
11.20 – 11.40	Invited Speaker: (Invited_03): Assoc. Prof. Dr. Phan Bach Thang		
11.40 – 12.00	Invited Speaker: (Invited_04): Assoc. Prof. Ir. Dr. Mohd Faizul Mohd Sabri		
11.50 – 13.00	Lunch: Crown Restaurant (1st Floor)		
13.00 – 13.40	Keynote Speaker: (Keynote_02): Dr. Ryoji Funahashi, Japan	Chair: Assoc. Prof. Dr. Tosawat Seetawan	
13.40 – 14.00.	Coffee break: Royal Conference (1st Floor)		
14.00 – 17.05	Parallel Session		
	Royal Conference (4th Floor) Chair: Assoc. Prof. Supree Pinitsoontorn (Invited_05): Prof. Dr. Hong Joo Kim (Invited_06): Assoc. Prof. Dr. Than Zaw Oo Oral presentation AO0005, AO0021, AO0028, AO0029 Chair: Assoc. Prof. Dr. Than Zaw Oo AO0055, AO0068, AO0079, AO0080, AO0081	Royal Hall Conference I (5th Floor) Chair: Prof. Dr. Michitaka Ohtaki (Invited_07): Assoc. Prof. Dr. Bundit Krittacom (Invited_08): Prof. Dr. Jingfeng Tang Oral presentation AO0098, AO0104, AO0117 Chair: Assoc. Prof. Dr. Phan Bach Thang CO0082, DO0017, DO0023, DO0025, DO0045, DO0115	Royal Hall Conference II (5th Floor) Chair: Assoc. Prof. Dr. Jakrapong Keawkao (Invited_09): Prof. Dr. C. K. Jayasankar (Invited_10): Prof. Dr. Mitra Djamal Oral presentation DO0052, DO0054 Chair: Prof. Dr. C. K. Jayasankar DO0070, DO0071, DO0072, DO0074, DO0111, DO0114
17.05 – 17.20	Company talk: ULVAC (Thailand) LTD.: Royal Conference (4th Floor)		
17.20 – 17.35	Company talk: Kinetics Corporation LTD.: Royal Conference (4th Floor)		
17.35 – 18.00	Poster Presentations: Royal Conference (4th Floor) Referees: <ol style="list-style-type: none"> 1. Prof. Dr. Su-dong Park 2. Dr. Ryoji Funahashi 3. Prof. Dr. Michitaka Ohtaki 4. Assoc. Prof. Dr. Supree Pinitsoontorn 5. Assoc. Prof. Dr. Phan Bach Thang 6. Assoc. Prof. Ir. Dr. Mohd Faizul Mohd Sabri 7. Prof. Dr. Hong Joo Kim 8. Assoc. Prof. Dr. Than Zaw Oo 9. Assoc. Prof. Dr. Bundit Krittacom 10. Prof. Dr. Jingfeng Tang 11. Prof. Dr. C. K. Jayasankar 12. Prof. Dr. Mitra Djamal 13. Prof. Dr. Rattikorn Yimnirun 		
18.00 – 18.30	Free time		
18.30 – 22.00	Banquets: Royal Conference (4th Floor)		
Date/Time	Sunday December 16, 2018		
09.00 – 15.30	SACT2018 Workshop and Asian Thermoelectric Meeting		

Oral Presentations

Time	ID No.	Topic/Presenter
Session Presentation; Royal Conference (4th Floor)		
Chairpersons : Assoc. Prof. Supree Pinitsoontorn		
14.00 – 14.25	Invited_05	Growth and Characterization of Single Crystals by Bridgman and Czochalski Method for Various Applications <i>Prof. Dr. Hong Joo Kim</i>
14.30 – 14.55	Invited_06	Review on Perovskites Photovoltaic-Thermoelectric Hybrid Devices <i>Assoc. Prof. Dr. Than Zaw Oo</i>
14.55 – 15.05	AO0005	Effect of Sb-Doping on the Electronic Structure and Thermoelectric Properties of $\text{TiNiSn}_{1-x}\text{Sb}_x$ ($x = 0 - 0.125$) Half-Heusler Alloys <i>Mr. Meena Rittiruam</i>
15.05 – 15.20	AO0021	Thermoelectric Properties of SnSe_2 Pulk and Thin Film <i>Dr. Anh-Tuan Duong</i>
15.20 – 15.35	AO0028	Selection of new Silicides for Thermoelectrics Using Online Database Materials Project <i>Mr. Sora-at Tanusilp</i>
15.35 – 15.50	AO0029	Half-Heusler FeNbSb : Stability and Thermoelectric Properties <i>Miss. Wanthana Silpawilawan</i>
Chairpersons : Assoc. Prof. Dr. Than Zaw Oo		
15.50 – 16.05	AO0055	Thermoelectric Properties of Heavily Phosphorus-Doped InSiTe_3 <i>Mr. Tawat Suriwong</i>
16.05 – 16.20	AO0068	Fabrication and Thermoelectric Properties of InSb/Bi Eutectic Alloy by Melt Spinning and Spark Plasma Sintering <i>Mr. Mohd Natashah Bin Norizan</i>
16.20 – 16.35	AO0079	Synthesis and Thermoelectric Properties of $\text{Ca}_3\text{Co}_4\text{O}_9$ by Sol-gel and Hot-Pressing Technique <i>Mr. Anon Angnanon</i>
16.35 – 16.50	AO0080	Low Electrical Resistivity of Nano WO_3 -doped ZnO Thermoelectric Material <i>Mr. Wasu Cheewasukhanont</i>
16.50 – 17.05	AO0081	Reliability Test System for the Thermoelectric Power Generation Module <i>Mr. Seong Joon Heo</i>

Time	ID No.	Topic/Presenter
Session Presentation; Royal Hall Conference I (5th Floor)		
Chairpersons: Prof. Dr. Michitaka Ohtaki		
14.00 – 14.25	Invited_07	Application of Thermoelectric (TE) Principle on the Cyclic Reversal Flow Combustion of Porous Burner (PB) <i>Assoc. Prof. Dr. Bundit Krittacom</i>
14.30 – 14.55	Invited_08	Gas Discharge and its Applications Under Airflow <i>Prof. Dr. Jingfeng Tang</i>
14.55 – 15.05	AO0098	Thermoelectric Properties of Al ₈ Mo ₃ <i>Mr. Kunio Yamamoto</i>
15.05 – 15.20	AO0104	Thermal Conductivity of BaSn _{1-x} M _x O _{3-δ} (M = Nb or Ta) Ceramics <i>Mr. Shimpei Kuwahara</i>
15.20 – 15.35	AO0117	Thermoelectric Properties of Two-Dimensional Dirac Materials <i>Dr. Eddwi Hasdeo</i>
Chairpersons: Assoc. Prof. Dr. Phan Bach Thang		
15.35 – 15.50	CO0082	Thermoelectric Based Temperature Control for QCM Sensor Impedance Measurement <i>Dr. Setyawan Sakti</i>
15.50 – 16.05	DO0017	The Kinetics study of Transesterification Reaction for Biodiesel Production Catalyzed by CaO Derived from Eggshells <i>Dr. Wuttichai Roschat</i>
16.05 – 16.20	DO0023	Mercury Ions Detection Based on Schiff Base Paper Test Strip Colorimeter Sensor <i>Miss. Piyawan Leepheng</i>
16.20 – 16.35	DO0025	Chemical Gas Sensors Based on 2D materials: Ab-Initio Theoretical Study <i>Dr. Thanayut Kaewmaraya</i>
16.35 – 16.50	DO0045	Surface Modification of Superparamagnetic Iron Oxide Nanoparticles and Methyl Methacrylate Molecularly Imprinted Polymer for Gluten Detection <i>Miss. Dalawan Limthin</i>
16.50 – 17.05	DO0115	Fabrication Of P-Type (MCCO) Thin Film Using DC Magnetron Sputtering As A Preparator For Thermoelectric Module <i>Miss Elysa Nensy Irawan</i>

Time	ID No.	Topic/Presenter
Session Presentation; Royal Hall Conference II (5th Floor)		
Chairpersons : Assoc. Prof. Dr. Jakrapong Keawkao		
14.00 – 14.25	Invited_09	Influence of Lanthanide Addition on the Optical, Thermal and Electrical Properties of Oxide Glasses <i>Prof. Dr. C. K. Jayasankar</i>
14.30 – 14.55	Invited_10	Growth and Characterization of Single Crystals by Bridgman and Czochalski Method for Various Applications <i>Prof. Dr. Mitra Djamal</i>
14.55 – 15.05	DO0052	Fluorene Derivative Chemosensors for Cadmium Detection <i>Miss. Prawonwan Thanakit</i>
15.05 – 15.20	DO0054	Preparation, Electrochemical and Catalytic Properties of Hybrid ZnO-Protein Nanocomposite <i>Dr. Wisanu Pecharapa</i>
Chairpersons : Prof. Dr. C. K. Jayasankar		
15.20 – 15.35	DO0070	The Physical and Luminescent Properties of Dy ³⁺ Doped Phosphate Glasses for Solid State Lighting Devices <i>Mr. Muhammad Shoaib</i>
15.35 – 15.50	DO0071	Effects of BaO and Bi ₂ O ₃ on the Optical and Luminescence Properties of Dy ³⁺ Doped Borophosphate Glasses <i>Miss. Yaowaluk Tariwong</i>
15.50 – 16.05	DO0072	Optical and Physical Investigations of CuO Dope in Glasses Prepared from Rice Husk Ash <i>Mr. Nakarin Singkiburin</i>
16.05 – 16.20	DO0074	Enhancement of Emission Intensity in Dy ³⁺ Doped ZnO/ZnF ₂ Phosphoborate Glasses for W-LED Materials <i>Dr. Piyachat Meejitpaisan</i>
16.20 – 16.35	DO0111	Fabrication of Ca ₁₂ Al ₁₄ O ₃₃ Mayenite Structure by Spark Plasma Sintering <i>Mr. Chalernpol Rudradawong</i>
16.35 – 16.50	DO0114	Effects of Mn Doping on Structure and Electrochemical Properties of BiVO ₄ Nanoparticles <i>Dr. Jessada Khajonrit</i>

Poster Presentations

ID	Topic
Venue : Royal Conference (4th Floor)	
Section A: Thermoelectric Materials & modeling	
AP0009	Effect of milling Techniques on the Particle Characteristics of Conductive Pr-Substituted $\text{YBa}_2\text{CuO}_{7-y}$ Compound <i>Mr. Poom Prayoonphokkharat</i>
AP0010	Enhancing Thermoelectric Properties of p-type SiGe Alloy Through Optimization of Carrier Concentration and Processing Parameters <i>Mr. Supree Pinitsoontorn</i>
AP0014	Thermoelectric Performance Evaluation of $\text{Fe}_v\text{Sb}_{1-x}\text{Se}_x$ Half-Heusler Compounds Synthesized via Mechanical Alloying and Vacuum Hot Pressing <i>Mr. Soon-Chul Ur</i>
AP0020	Synthesis and Thermoelectric properties of Ag-Sb-Te thin films <i>Mrs. Natchanun Prainetr</i>
AP0040	Synthesized Transparent Thermoelectric p-Type γ -CuI Thin Film Using Liquid Iodination Method <i>Mr. Narongsak Posopa</i>
AP0048	Enhancing Structural, Electrical and Thermoelectric Properties of p-type Antimony Telluride Flexible Films Using Thermal Treatment Via Rapid Microwave-Assisted DC Magnetron Sputtering Technique <i>Miss. Prasopporn Junlabhut</i>
AP0062	Thermoelectric Properties of Bulk p-type $\text{Cu}_2\text{ZnSnS}_4$ Materials Prepared by Hot Pressing Method <i>Mr. Nattee Khottummee</i>
AP0077	Thermoelectric Properties of N-Doped $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Thin Film <i>Miss. Uthumporn Chanmala</i>
AP0086	Thermoelectric Properties of Mg-Doped CuCrO_2 Materials <i>Mr. Dung Hoang</i>
AP0090	Preparation for the Nano Crystallite Size of Thermoelectric CCO-349 by Planetary Ball Mill/Quickly Hot-Press Methods <i>Miss. Wanatchaporn Namhongsa</i>
AP0095	Controlling Structural and Thermoelectric Properties of Ga and In Dually-Doped ZnO Ceramics Via Tuning Powder Particle Size and Phase Segregation <i>Mr. Anh Pham</i>
AP0102	Modeling and Experimental Study of CaMnO_2 TEG Modules <i>Mr. Keerati Maneesai</i>

ID	Topic
Venue: Royal Conference (4th Floor)	
Section B: Thermoelectric Device Development & Testing	
BP0002	Electrical Energy Harvesting from Human Heat using Flexible Thermoelectric Devices <i>Mrs. Urai Seetawan</i>
BP0004	Oxide Thermoelectric Module Application with the Stove <i>Mr. Kunchit Singsoog</i>
BP0094	Fabrication of Thermoelectric Modules by High Pressure Continuous Automatic Machine <i>Miss. Sunisar Khammahong</i>
BP0100	Thin Films Thermoelectric Generator of p-AST/n-BT <i>Mr. Somporn Thaowankaew</i>
BP0110	The Low-Cost and Accuracy Instrument for Measuring Spin Seebeck Effect <i>Mr. Poramed Wongjom</i>

ID	Topic
Venue: Royal Conference (4th Floor)	
Section C: Thermoelectric Systems Design and Applications	
CP0024	Application of Thermoelectric Generator in Incinerator <i>Mr. kongphope Chaarmart</i>
CP0032	Hybrid Microwave Solid-State Synthesis Method for Rapid Synthesis of SnTe for the Thermoelectric Material <i>Mr. Jakrit Gobpant</i>
CP0058	Fabrication of New Thermoelectric Block Floor for Power Generator <i>Mr. Sakorn Inthachai</i>
CP0093	Prototype of Concrete Block Electric Power Generation from Heat and Applications in Municipal Melting Furnace or Municipal Incinerator <i>Mr. Chaiwat Phrompet</i>
CP0103	Design and Controller of Thermoelectric Cooler for Turbo Molecular Pump Cooling Applications <i>Dr. Athorn Vora-ud</i>
CP0109	Thermoelectric Application with Solution Sensor <i>Mr. Surasak Ruamruk</i>
CP0118	Producing Electric from Heat to Renewable Energy Natural Energy Creation House <i>Mr. Wuttipong Chuenboonchu</i>

ID	Topic
Venue: Royal Conference (4 th Floor)	
Section D: Other Materials and Applications	
DP0003	Comparison Study of Clear Glazes at Different Temperatures from Glass Beer Bottles Waste Used as Glaze Decoration on Ceramic Products <i>Mr. Nattawut Ariyajinno</i>
DP0006	Electrical and Sensitivity Properties of ZnO/TiO ₂ Heterojunction Nanocomposites for Ammonia Gas Sensor <i>Miss. Pitchanunt Chaiyo</i>
DP0007	Highly Ordered Titania Nanotube Arrays Synthesized via One-faced and Single-step Anodization <i>Miss. Thanaporn Thumsa-ard</i>
DP0011	Dielectric and Ferroelectric Properties of (Pb _{1-x} La _x) (Zr _{0.53} Ti _{0.47}) O ₃ Ceramics <i>Mr. Jukkrit Kongphimai</i>
DP0012	Enhancements of Growth and Metabolites of Indica rice Callus (Oryza sativa L. cv. Pathumthani1) Using TiO ₂ Nanoparticles (Nano-TiO ₂) <i>Dr. Sutee Chutipaijit</i>
DP0013	Nanocarbon Induced Modifications in Morpho-physiological Characteristics in Rice Plants [Oryza sativa L. cv. Black Jasmine Rice (Hom-nin)] <i>Mr. Sutichai Samart</i>
DP0015	Structural, Optical and Electrical Properties of (CdS) _{1-x} (ZnTe) _x Solid Solution Thin Films prepared by Vacuum Thermal Evaporation Method <i>Mr. Dusit Thueman</i>
DP0016	Advanced analysis of collagen materials in functional drink products: Particle size and molar mass by Asymmetrical Flow-Field Flow Fractionation <i>Miss. Warinrampai Uahchinkul</i>
DP0019	Physicochemical Properties of Biodiesel Product Derived from Lard Oil using Eggshells as a Green Catalyst <i>Mr. Phongsakorn Pholsupho</i>
DP0022	Influence of 1.25 MeV gamma irradiation on the dielectric properties of poly (vinylidene fluoride)/barium titanate polymer nanocomposite <i>Dr. Siritorn Buranurak</i>
DP0026	Synthesis of BiFeO ₃ Nanoparticle Prepared by Sol-Gel Method using Aloe Vera <i>Dr. Chivalrat Masingboon</i>
DP0027	Synthesize, Characterization and Magnetic Properties of Nanoparticle Nickel Ferrite (NiFe ₂ O ₄) by Sol-Gel Method using Aloe Vera <i>Mr. Wuttichai Wongnarat</i>
DP0030	Enhancement of Biodiesel Synthesis using Acid Treated Golden apple Snail Shell-Derived CaO as Economical and Green Heterogeneous Catalyst <i>Mr. Sunti Phewphong</i>
DP0031	I-V Characteristics of Au/ZnO/Au and Au/Sb-doped ZnO/Au double-Junction Structure <i>Mr. Wuttichai Sinornate</i>

ID	Topic
Venue: Royal Conference (4th Floor)	
Section D: Other Materials and Applications	
DP0033	Effect of O ₂ Plasma Treatment on Optical Properties of Cu-Doped SnO ₂ Thin Films by O ₂ Plasma Treatment <i>Mr. Natthawirod Somjaijaroen</i>
DP0035	Effect of Milling Speed and time on Ultrafine ZnO Powder by High energy Ball Milling Technique <i>Mr. Chatchanan Prommalikit</i>
DP0037	The Influence of Si/Al ratio in Zeolite Y Structure for Methane and Carbon Dioxide Adsorption <i>Dr. Nopbhasinthu Patdhanagul</i>
DP0038	Structural and Optical Properties of C-Bi ₂ O ₃ Microrod Synthesized by Hydrothermal Method <i>Ms. Ruethaithip Wisedsri</i>
DP0039	Acid Functionalized Silica/Sulfonated Tetrafluoroethylene based Fluoropolymer Composite Membranes for PEMFCs <i>Dr. Yaowapa Treekamol</i>
DP0042	Influence of Calcination Temperature on Physical and Electrochemical Properties of MnO ₂ Nanoparticles Synthesized by Co-Precipitation Method <i>Mr. Chokchai Kahattha</i>
DP0043	Copper K-edge XAS Study of Copper Transformation Behavior During Annealing of Delafossite CuAlO ₂ and CuAl _{10.9} Fe _{0.1} O ₂ <i>Mr. Noppanut Daichakomphu</i>
DP0044	The Performance of Synthetic Zeolite Combined with Activated Carbon for Removal of Linuron Herbicides <i>Mrs. Rujikarn Sirival</i>
DP0046	Enhanced Visible Light Photocatalytic Activity of TiO ₂ Hybrid with Natural Ilmenite Nanocomposites <i>Mr. Krisana Chongsri</i>
DP0047	The Method of Sintering Process for Piezoelectric Tape Ceramic <i>Dr. Prakrong Plainaek</i>
DP0049	Influence of Anodized Voltage on Topography and Surface Wettability of TiO ₂ Nanotubes Fabricated by Electrochemical Anodization <i>Mr. Chanawee Satta</i>
DP0050	Multi state Mn ₃ O ₄ Hausmannite-Carbon Nanocomposites Derived from Carbonization of Nano-Manganese Oxide-Cellulose <i>Mr. Weerachon Phoohinkong</i>
DP0051	Effect of Fuel Content on Dielectric and Piezoelectric of KNLNTS Ceramics Prepared by the Combustion Technique <i>Dr. Krailas Mathrmool</i>

ID	Topic
Section D: Other Materials and Applications (continue)	
DP0053	Characterization of BiVO ₄ Nanoparticles Prepared by Sonochemical Process <i>Mr. Thanaphon Kansard</i>
DP0056	Synthesis, Morphology and Optical Properties of Perovskite-Type Oxides La _x Sr _{1-x} FeO ₃ Synthesized by Sol-Gel Auto-Combustion Method <i>Mr. Tawat Suriwong</i>
DP0059	Preparation of the MAPbBr ₃ Perovskite Films by the One-Step Spin Coating Method for Solar Energy Conversion Devices <i>Dr. Wirat Jarernboon</i>
DP0060	The Fe ₃ O ₄ Nanoparticles on Heavy Metals Determination Application <i>Ms. Saiphon Chanpaka</i>
DP0061	Effectiveness of Composite Materials Between Chitosan and CaCO ₂ from Animal Shells <i>Mrs. Pacharee Krongkitsiri</i>
DP0063	The Organometal Halide Perovskite Films Prepared by DMF Additive in Two-Step Ambient Air Solution Processes <i>Mr. Soe Ko Ko Aung</i>
DP0064	Tuning Optical Absorption Property of Core-Shell Structured TiO ₂ @Ag Nanowire and Nanosphere <i>Miss. Areeya Kriwongsa</i>
DP0065	Tuning Optical and Magneto Optical Properties of Core-Shell Structured Fe@Au Nanoparticles <i>Mr. Thananchai Dasri</i>
DP0066	Dielectric and Ferroelectric Properties of Piezoelectric Tape PZT-SKN <i>Miss. Orapan Hemadhulin</i>
DP0067	Luminescence Properties of Dy ³⁺ ions Doped in B ₂ O ₃ -Al ₂ O ₃ -CaO-Na ₂ O Glass for Solid State Lighting Applications <i>Dr. Yotsakit Ruangtaweeep</i>
DP0073	Radiation Shielding of BaO: WO ₃ : Na ₂ O:B ₂ O ₃ Glass System by WinXCom Program in the Range of 1 keV to 100 GeV: Theoretical Calculation <i>Mr. Wuttichai Chaiphaksa</i>
DP0075	Fabrication and Study on Optical and Photoluminescence Properties of Europium Doped in Borate Glasses <i>Dr. Kitipun Boonin</i>
DP0076	Theoretical Calculation of Mass Attenuation Coefficient and Radiation Shielding Parameters of WO ₃ -TeO ₃ Glasses <i>Miss. Phoerichaya Wiwatkanjana</i>
DP0078	The Physical and Optical Properties of Glasses from Local Sand in Nakhon Pathom Province <i>Mr. Watcharin Rachniyom</i>
DP0085	Comparative Study of physical, Optical and Gamma-Ray Shielding Properties at 662 keV of BaO-La ₂ O ₃ -B ₂ O ₃ and BaO-Na ₂ O-B ₂ O ₃ <i>Dr. Pruittipol Limkitjaroenporn</i>

ID	Topic
Section D: Other Materials and Applications (continue)	
DP0091	Phase Transition, Electrical Properties, and Temperature Insensitive Large Strain in [(0.935-x) BNT-0.065BT-xBZT] Lead-Free Piezoelectric Ceramics <i>Miss. Nantawan Ketwong</i>
DP0092	Properties of NaCu ₃ Ti ₃ NbO ₁₂ Based-Ceramics Doped with Nanopowders <i>Miss. Wilai Chomchai</i>
DP0096	Bioactive Behavior and Piezoelectric Properties of SNCP/xBCZT Composites <i>Dr. Nuttapon Pisitpipathsin</i>
DP0097	The Effect of Low current Density on the Hydrophilicity and Surface Properties of the Anodized Films Performed by Two-Step Anodization <i>Dr. Phanawan Whangdee</i>
DP0099	Synthesis and Electrochemical Properties of Porous CNF/LixMnSiO ₄ for Energy Storage Devices <i>Dr. Sukanya Nilmoung</i>
DP0101	NiO Films on ITO Substrates Etched by HCl acid for Electrochromic Devices <i>Dr. Chakkaphan Wattanawikkam</i>
DP0106	Fabrication of Piezoelectric Flexible on PVDF/CNTs <i>Mr. Aphisak Kaeopisan</i>
DP0107	Biomass Derived Carbon Materials for Electrochemical Energy Storage <i>Dr. Pristanuch Kasian</i>
DP0108	A Facile Preparation of Cellulose /Zinc Oxide Nanocomposites for Enhancing Photocatalytic Activity <i>Mr. An Vu</i>
DP0112	Influence of Compaction Pressure and Sintering Temperature onto the Mechanical Properties and Tribological Property of the Brass 8020 Product made from the Powder Metallurgy Process <i>Mr. Sompong Piriyayon</i>
DP0113	Chitosan Extracted from Crab Shells by Reduction of Chemical Substance Technique <i>Dr. Somtop Santibenchakul</i>
DP0116	Fabrication, Structural and Magnetic Properties of Cu-doped BiFeO Thin Film <i>Mr. Tachgiss Jampreecha</i>