

Tentative Program



**The 4th International Conference on Sustainable Energy and Green
Architecture**
Eco Buildings Innovation and Indoor Air Quality
Bangkok, 30-31 March, 2015

Day 2 (31/03/2015)

Time	CODE	First Author Name	Title
Chairs		Dr Nuanwan TUAYCHAROEN + Dr Vorawit	
8:30-8:45	CB06	S. Suanlim	REQUIREMENT FOR FACILITIES IN THE NONTHABURI MUSEUM, OLD CITY HALL NONTHABURI OF ELDERLY AND HANDICAPPED
8:45-9:00	CB07	Primrapa Boonmeerit	DEVELOPMENT OF FAMILY BUSINESS MODEL TOWARDS MODERN BUSINESS MODEL: CASE STUDY OF BUSINESS OF REPAIR AND REINFORCEMENT OF HISTORICAL AND CULTURAL HERITAGE
9:00-9:15	CB08	Thakrit Panklib	AGRICULTURAL RESIDUES: THE ALTERNATIVE ENERGY FOR THE FUTURE OF THAILAND
9:15-9:30	CB09	Kunanunt Tayayutt	AN INTEGRATED MARKETING COMMUNICATION AND TRUST APPROACH TO IMPLEMENT PUBLIC POLICY IN THAILAND: A CASE OF ENERGY FROM WASTE
9:30-9:45	CB10	T. Niwatamornrak	THE ENHANCEMENT OF WOOD-BOARD'S MOLD PREVENTION PROPERTY IN FOR FURNITURE INDUSTRY
	CB11	Natthakich Assanee	ENERGY INFORMATION NETWORK MODEL
	PD08	Siradech Surit	LARGE-SCALE COMBINATORIAL OPTIMIZATION ALGORITHM FOR REINFORCED STEEL BARS IN BIM-ORIENTED PROJECTS CLIMATE OF THAILAND
9:45-10:00		Coffee/Tea Break	
Chairs		Dr Supaporn K. Leopairojna + Dr Preeda	
10:00-10:15	CB12	Nopphadol Sawasatee	POTENTIAL FOR CO-GENERATION IN A FROZEN FOOD AND CHILL FOOD FACTORY
10:15-10:30	CB15	Krongyod Phochai	THE STUDY OF THE APPLICATION OF THE COMBINATION OF PV GRID CONNECTED AND MAIN GRID UTILITY FOR AN OFFICE BUILDING
10:30-10:45	ST16	Pichitchai Endo	DEVELOPMENT OF A NEW VERSION OF SOLAR CHIMNEY WALL WITH INDIRECT DAYLIGHTING
10:45-11:00	ST17	Vichet Tusamat	THE STUDY OF THERMAL RESISTANCE EFFICIENCY OF INSULATION SHEET FROM BANANA FIBER
11:00-11:15	ST18	Chalumpon Muanglue	DEVELOPMENT OF SOLAR WATER HEATING SYSTEM INTEGRATED INTO BIO-CLIMATIC ROOF
11:15-11:30	ST12	Preeda Chantawong	THERMAL PERFORMANCE OF SOLAR COLLECTORS WALLS UNDER THE HOT AND HUMID TROPICAL CLIMATE OF THAILAND
11:30-11:45	ST13	Preeda Chantawong	A SIMPLE MATHEMATICAL MODEL TO SIMULATE SOLAR COLLECTOR WALLS UNDER CLIMATE OF THAILAND
11:45-12:00	ST08	Preeda Chantawong	DEVELOPMENT OF A MULTI-PURPOSE GLAZED SOLAR CHIMNEY INCORPORATING A HOT WATER COLLECTOR SYSTEMS UNDER TROPICAL CLIMATE OF THAILAND
	ST14	Pisut Thantong	EXPERIMENTAL STUDY OF THE A PCM - WALL FOR DOMESTIC HOT WATER AND NATURAL VENTILATION UNDER TROPICAL CLIMATE OF THAILAND
12:00-13:00		LUNCH	
Chairs		Dr Tanapon + Dr Preeda	
13:00-13:15	ST10	Pisut Thantong	STUDY OF SOLAR-PHASE CHANGE MATERIAL WALL FOR DOMESTIC HOT WATER AND NATURAL VENTILATION UNDER TROPICAL CLIMATE
13:15-13:30	ST09	Preeda Chantawong	THERMAL PERFORMANCE OF A PV BLINDS GLAZED SOLAR CHIMNEY WALLS ASSISTED WITH DC FAN FOR VENTILATION AND HOT WATER COLLECTORS UNDER CLIMATE OF
13:30-13:45	CB12	Nopphadol Sawasatee	POTENTIAL FOR CO-GENERATION IN A FROZEN FOOD AND CHILL FOOD FACTORY
13:45-14:00	CB15	Krongyod Phochai	THE STUDY OF THE APPLICATION OF THE COMBINATION OF PV GRID CONNECTED AND MAIN GRID UTILITY FOR AN OFFICE BUILDING
14:00-14:15	ST16	Pichitchai Endo	DEVELOPMENT OF A NEW VERSION OF SOLAR CHIMNEY WALL WITH INDIRECT DAYLIGHTING
14:15-14:30	ST17	Vichet Tusamat	THE STUDY OF THERMAL RESISTANCE EFFICIENCY OF INSULATION SHEET FROM BANANA FIBER
	ST18	Chalumpon Muanglue	DEVELOPMENT OF SOLAR WATER HEATING SYSTEM INTEGRATED INTO BIO-CLIMATIC ROOF
14:30-14:45		Coffee/Tea Break	
Chairs		Dr Sopa + Dr Pattaranan + Dr Preeda	
14:45-15:00	ST19	Chalermporn Boonyakom	ANALYSIS OF HOT WATER PRODUCTION USING SOLAR CELL COLLECTOR WALL
15:00-15:15	ST20	Uthai Thanee	STUDY OF DUST EFFECT ON SOLAR CELL PANELS OPERATING UNDER THAILAND CLIMATE
15:15-15:30	ST21	Tharit Kongtong	LIGHTWEIGHT BIO CLIMATIC ROOF HOT WATER PRODUCTION
15:30-15:45	ST22	Manas Panyaphol	A COMPARISON OF THE EFFECTIVENESS OF INSULATION INSTALLED UNDER ROOF TILES IN BANGKOK
15:45-16:00	ST23	Napaphat Prathansong	THE INCREASE OF EFFECTIVENESS OF SOLAR CELL BY USING HEAT SINK COOLING AND SOLAR REFLECTOR SYSTEMS
16:00-16:15	ST24	Jakchai Teachasai	DESIGNING OF LOW COST AERATOR FOR WASTE WATER TREATMENT BY SOLAR ENERGY
16:15-16:30	ST25	Jakchai Teachasai	PERFORMANCE STUDY OF LOW COST AERATOR FOR WASTE WATER TREATMENT BY SOLAR ENERGY
16:30-16:45	ST27	Sura Sibprakarn	POLYCARBONATE ROOF
16:45-17:00	ST28	Thatchai Mora	INCREASING EFFICIENCY OF REFLECTIVE CPV SOLAR CELL BY VENTILATION SYSTEM AND APPLY OF COOL WATER AND AIR CONDITIONING SYSTEM
		Closing Ceremony	