

CPD Plenary and CPD Technical Session

October 18, 2017 (Wednesday)

Time	OBC				
1:00 pm					

October 19, 2017 (Thursday)

	CPD Plenary Session	CPD Technical Session			
TOPIC					
Time	MAIN HALL	ROOM 1	ROOM 2	ROOM 3	ROOM 4
		Energy and Environment	Mechanical Design and Manufacturing	Maintenance and Management of Technology	HVAC-R and Other Fields

LUNCH BREAK

12:00-1:00	LUNCH BREAK				
1:00-2:00	The Mechanical Engineer and the Technology Leap, Innovations, Convergent Business Models and Disruptions	Energy and resource assessment: Basis of Re-Engineering and development of sustainable building in Makati	Mechanical Systems Design Utilizing Building Information Modelling as a Tool For Efficient Implementation	Full Integration of Asset Management System (AMS) Database to Computerized Maintenance Management System (CMMS)	Fire Flow Requirements and Hydrant System
	Virata, Liberato S.	Mabute, Moses	Rotor, Mark Anthony	Maglaya, Archie B.; Espiloy, John Philip; Aquino, Bobby T.; Fernando, Arvin H.; Isla, Igmedio, Jr. F.	Roque, Paul Ryan

BREAK

2:00-2:20	BREAK				
2:20-3:20	Introduction to Digital Transformation - Smart Manufacturing	Energy Conservation opportunities during design, Installation, and operational stages of pumping systems	Design and Installation of Deep Well Submersible Pump for Lima Pumping Station II, Lipa City	Implementation and Review of the Developed Service Level Agreement (SLA) based from the Computerized Maintenance Management System (CMMS) Data for the Development of the SLA Based Facilities Management Application	Solar Drying of Microalgae for Biodiesel Production
	Delgado, Vicente Edwin	Catubao, Gaudencio	Florindo, Edgardo F.	Aquino, Bobby T.; Espiloy, John Philip; Maglaya, Archie B.; Fernando, Arvin H.; Isla, Igmedio, Jr. F.	Ubando, Aristotle; Agdamag, Enrico Miguel; Fernandez, Jose Ruperto; Oblipias, Lemuel Gildo; Paparo, Gianpaolo; Maglaya, Archie B.; Culaba, Alvin B.

BREAK

3:20-3:40	BREAK				
3:40-4:40	Iwind Generator	Design and Operational review of CO2 fire fighting protection system of ICCPP gas turbine enclosure	"Design Simulation Of Dual Rotor Horizontal Axis Wind Turbine Connected In Series To Increase Wind Power Conversion Efficiency"	Software Update on the Developed Facilities Asset Management System (FMAS) Utilizing the Email Management System Integrated with Database System	Tunnel Ventilation system design
	Catalan, Loreto; Tan, Hans Kenneth	Girado, Joel D.	Olasiman, Lester Alfred	Espiloy, John Philip; Aquino, Bobby T.; Maglaya, Archie B.; Fernando, Arvin H.; Isla, Igmedio, Jr. F.	Manuel, Roberto Jr G.

BREAK

4:40-5:00	BREAK				
5:00-6:00	The design innovation of pyrolyzer and thermal gasification on the recycle waste plastic, rubber and styrofoam to fuel conversion and landfill remediation	Safe and Robust Design of Offshore Oil & Gas HVAC Systems	Introduction to Energy Management System	Fabrication and Characterization of Graphene Nanomaterial for Thermoelectric Power Application	Presentor CRE PHIL
	Talion, Ronald O.	Serben, Michael	Encarnacion, Janu P.	Gan Lim, Laurence; Kalaw, Martin Ernesto L.; Borromeo, Jethro; Calinisan, Michael Lorenz Jr.; Cansino, Louie Jr.; Hirang, Rhys Jethro	Bernal, Erwin

October 20, 2017 (Friday)					
	CPD Plenary Session		CPD Technical Session		
TOPIC					
Time	MAIN HALL				
8:30-9:30	POWER CONFERENCE				
9:30-10:30	POWER CONFERENCE				
10:30-11:30	POWER CONFERENCE				
12:00-1:00	LUNCH BREAK				
1:00 - 2:00	Dialogue with the BME	None	None	None	None
	CPD Plenary Session		CPD Technical Session		
Time	MAIN HALL	ROOM 1	ROOM 2	ROOM 3	ROOM 4
		Energy and Environment	Mechanical Design and Manufacturing	Maintenance and Management of Technology	HVAC-R and Other Fields
2:00-3:00	Water & Waste Water Treatment Solution For Food & Beverage Industry	Wind Resource Assessment Of A 30MW Wind Farm In Santa Vitoria Do Palmar, Brazil	"Structural, Modal, and Harmonic Analysis of Public Utility Jeepney Chassis Using Finite Element Method"	Design, Fabrication & Testing of the Drivetrain Of A Solar Powered Car	Development of a Thermoelectric Heat Harvesting Table
	Patro, Abinash; Dev, Brijesh	Augusto, Gerardo; Culaba, Alvin B.; Gan Lim, Laurence A.; Maglaya, Archie B.	Bautista, Basil Aloysius P.	Pantua, Conrad Allan J.	Gan Lim, Laurence; Barican, Ramon Miguel; Cabigao, Michaela Francesca; Ganayo, Gabriel Dominiq; Ramirez, Ralph Jeric
3:30:4:30	Combustion Technology for coal and biomass	Energy Performance of Buildings through Energy Modeling	Design and Development of a Prototype Plant Growth Chamber	The Mechanical Engineer As A Safety Engineer	Fabrication and Characterization of Graphene Nanomaterial for Thermoelectric Power Application
	Patil, Disha	Tadeo, Joel Jude	Fernando, Arvin H.; Maglaya, Archie B.; Gan Lim, Laurence A.	Francisco, Romeo Jr.	Gan Lim, Laurence A.; Kalaw, Martin Ernesto L.; Borromeo, Jethro; Calinisan, Michael Lorenz Jr.; Cansino, Louie Jr.;Hirang, Rhys Jethro
5:00-6:00	Absorption Chiller - 1 Deg C	Handling & Treatment of Wastewater in Geothermal Field	How To Prevent Accident In A Working Place	Development Of Vibrating Membrane Non-Bladed Turbine For Micro-Power Generation	Xavier University Solar Furnace For Recycled Plastic Lumbers
	Moholkar, Abhijit; Sharma, Bhushan	Cabahug, Benedicto	Arib, Joe Marie A.	Golez, Rogelio Jr.	Dollera, Elmer B.
7:00-11:00	DON TOBIAS P. MARCELO AWARDS NIGHT				

TOPIC					
Time	MAIN HALL				
October 21, 2017 (Saturday)					
Time	MAIN HALL				
8:30-9:30	FIRE CONFERENCE				
9:30-10:30	FIRE CONFERENCE				
10:30-11:30	FIRE CONFERENCE				
12:00-01:00	LUNCH BREAK				
1:00-2:00	CPD SUBJECT MATTER MEETING (DIVISIONAL WORKSHOP / PROFESSIONAL PRACTICE)	CPD SUBJECT MATTER MEETING (DIVISIONAL WORKSHOP / INTERNAL AFFAIRS)	CPD SUBJECT MATTER MEETING (DIVISIONAL WORKSHOP / INTERNAL AFFAIRS)	CPD SUBJECT MATTER MEETING (DIVISIONAL WORKSHOP/ EDUCATION)	CPD SUBJECT MATTER MEETING (DIVISIONAL WORKSHOP / EDUCATION)
2:00-3:00	CPD SUBJECT MATTER MEETING (REPORT OF THE WORKSHOP PROCEEDING)	None	None	None	None
3:00-4:00	CPD SUBJECT MATTER MEETING (GENERAL MEMBERSHIP MEETING- GMM)	None	None	None	None
4:00-5:00	FORMAL CLOSING OF CONVENTION	None	None	None	None
5:00 - 6:00	COMELEC HOUR	None	None	None	None

Subject may change without prior notice