



IEEE ICECIE

2019 International Conference on Electrical, Control And Instrumentation Engineering

PROGRAM SCHEDULE

www.attend.ieee.org/icecie-2019
November 25 2019 Kuala Lumpur, Malaysia

7:30-08:00		Registration
8:00-09:00		Opening Ceremony: Speech by Invited Speaker
9:00-10:30		Paper presentation Session1- Instrumentation and Measurement
09:00- 9:10	Alisha Malhotra	Development of RGB LED Based Compact Multipurpose Colorimeter for Hemoglobin Estimation of Blood
09:10- 9:20	Petar Lahndorf	LIDAR Assisted Camera Inspection of Wind Turbines: Experimental Study
09:20- 9:30	Masanori Adachi	A Development of Measurement System of Elbow Joint for Spasticity by Using Motor
09:30- 9:40	Kaifeng Liu	Measurement of Two Rods in External Fixation Bracket Based on Image Processing
09:40- 9:50	Akito Nakano	Development of Measurement System for Radioulnar Instability by Using 3D Electromagnetic Sensor and Pressure Sensor
09:50- 10:00	Erwin P Enriquez	Design of Potentiometric Sensor Arrays Using Fisher Information and Genetic Algorithm
10:00- 10:10	IbnuKahfiBachbar	Tide Level Measurement Using Ultrasonic Sensor
10:10- 10:20	Teik Hua Kuan	Analysis of Lightning and Surge Protection for Float Ground System
10:20- 10:30	Sergio Peruda, Jr.	Development of a Portable 12 Lead ECG Signal Acquisition System Using National Instruments' MyRio-1900
10:30-10:45		Coffee Break
10:45-13:30		Paper presentation Session2- Energy and Environment
10:45-11:00	Zhan Meng	Monitoring the Ratio Error of High-Voltage CVTs Based on Local Outlier Identification
11:00-11:15	Usha Rani V	Integration of Renewable DGs to Radial Distribution System for Loss Reduction and Voltage Profile Improvement
11:15-11:30	ShahidUllah	A Distributed Secondary Control Strategy for Power Sharing and Voltage Regulation by Multiple Converters in DC Micro-grids
11:30-11:45	KuruparanShanmugalingam	Temperature Sensing and Data Transmission Mechanism for High Temperature Applications
11:45-12:00	Teck Chai Tiong	Transient Stability Improvement by Using PSS4C in Hybrid PV Wind Power System
12:00-12:15	Mohamed ziedChaari	Spiral Antenna Mounted on the t-Shirt to Harvested RF Energy
12:15-12:30	Teck Chai Tiong	Improving Transient Stability of Diesel-Wind-Solar Hybrid Power System by Using PSS
12:30-12:45	SachithaKalngamudali	Solar Powered Micro Grid for Daytime High Power Applications Assisted by Supercapacitors
12:45-13:00	MengshaMamoWogari	Optimal Solar Field and Thermal Storage Sizing in Hybrid Solar Biomass Cogeneration Plant
13:00-13:15	ThippanaCharan	Fault Current Limiting Capability of Interline Power Flow Controller in Low Voltage 415V Distribution Networks
13:15-13:30	Abhishek MB	Data Processing and Deploying Missing Data Algorithms to Handle Missing Data in Real Time Data of Storage Tank: A Cyber Physical Perspective
13:30-14:30		Lunch
14:30-16:50		Session3- Control and Systems
14:30-14:40	Xuan Tan	Novel Velocity Update Applied for IMU-based Wearable Device to Estimate the Vertical Distance
14:40-14:50	Ahmed Hassan	Feature Recognition of Freeform Surfaces for CAD/CAM Integration
14:50-15:00	YoshinobuTanno	A Novel Single-Wire Digital Handshake of Communication Speed for Universal Connector
15:00-15:10	Hironori Takemoto	Consideration of Frequency and a/d Converter Resolution for Digital Control of LLC Resonant Converter
15:10-15:20	Reo Sumita	PID Control Method Using Predicted Output Voltage for Digitally Controlled DC/DC Converter
15:20-15:30	AwadShamekh	Performance Comparison of Kalman Filter and RLS Models in MPC Applications
15:30-15:40	Jie Li	Sensorless Speed Control of Permanent Magnet Synchronous Motor Based on an Improved Particle Filter
15:40-15:50	Lukas Kölsch	Steady-State Optimal Frequency Control for Lossy Power Grids with Distributed Communication
15:50-16:00	Sarah Bahanshal	Design of RGB Laser Diode Drivers for Smart Lighting and Li-Fi Using MATLAB GUI
16:00-16:10	SannasyKanagalakshmi	Design of Control Strategy of DC/AC Converter for Grid Connected PV System
16:10-16:20	Mojtaba Mehrzadi	Operation Planning of Standalone Maritime Power Systems Using Particle Swarm Optimization
16:20-16:30	Teik Hua Kuan	Practical Approach on Surge Protection Device for Ex Application
16:30-16:40	Mahima Arora	Tuning of PI/PID Controllers for MIMO System Using Modified Gerschgorin Theorem
16:40-16:50	Carl Rheinländer	Structural Data Compression for Embedded Long Prediction Horizon Model Predictive Control on Resource-Constrained FPGA Platforms
17:00-17:15		Coffee Break
17:15-18:05		Session4 - Signal and Image Processing
17:15-17:25	Alireza Zamani	Convolutional Blind Source Separation with Independent Vector Analysis and Beamforming
17:25-17:35	Daojian Zeng	Residual Self-Attention for Visual Question Answering
17:35-17:45	Rufu Marasigan	Improved Mangrove Crown Measurement from Airborne Lidar Data Using Marker-controlled Watershed Algorithm-filtered Hamraz Technique
17:45-17:55	Nian Chi Tay	Abnormal Behavior Recognition Using CNN-LSTM with Attention Mechanism
17:55-18:05	Saumya Srivastava	Multi-lane Detection Robust to Complex Illumination Variations and Noise Sources
18:05-19:45		Session 5 - Industrial Informatics and Computational Intelligence & Power Electronics
18:05-18:20	Zaheera Zainal Abidin	Conceptual Model of Risk Assessment for Insider Threats Detection
18:20-18:35	Harendra Thogarcheti	A Prototype Based Hybrid Approach to Speed-Up Kernel FCM-K
18:35-18:50	Jihyun Yoo	Optimization of Hyper-Parameter for CNN Model Using Genetic Algorithm
18:50-19:05	Moinak Bhattacharya	Comparative Analysis of Bayesian Methods for Estimation of Locally-Invariant Extremes
19:05-19:20	Kailol Biswas	Metaheuristic Algorithm for Wellbore Trajectory Optimization
19:20-19:35	Ashoka Bhat	Boost Integrated Half-Bridge Soft-Switching DC-DC Converter with Voltage Doubler Output Rectifier
19:35-19:50	Srinivasrao Nayak	Analysis of Mutual Inductance Between Multi-Single Coupled Coils at Square Structure Using FEM
20:00		Group Photo and Closing Ceremony