
"Towards Creative-AI
from Silicon-Sea-Belt"
APCCAS 2026
ACROS FUKUOKA
Fukuoka, Japan
October 25-28, 2026

Malaysia, Malaysia), Syamira Syazuana Zaini (Universiti Putra Malaysia, Malaysia), Mohamad Azzam-Sayuti (Universiti Putra Malaysia, Malaysia), Chin Yong Kit (Universiti Putra Malaysia, Malaysia), Mohammad Noor Amal Azmai (Universiti Putra Malaysia, Malaysia), Muhammad Farhan Nazarudin (Universiti Putra Malaysia, Malaysia), Ina Salwany Md Yassin (Universiti Putra Malaysia, Malaysia)

17:00
ID2310: Interpretable Quantitative Motion Descriptors for White-Leg Shrimp Behaviour Analysis
Joanne A. J. Mujan (Universiti Putra Malaysia, Malaysia), Hazreen Haizi Harith (Universiti Putra Malaysia, Malaysia), Syamira Syazuana Zaini (Universiti Putra Malaysia, Malaysia), Nur Diyana Mohamad Tahir (Universiti Putra Malaysia, Malaysia), Annas Salleh (Universiti Putra Malaysia, Malaysia), Mohamad Azzam-Sayuti (Universiti Putra Malaysia, Malaysia), Samsuzana Abd Aziz (Universiti Putra Malaysia, Malaysia)

17:15
ID2280: A Decision Support System to Mitigate Climate Change for Adaptive Aquaculture Systems
Nur Adriana Azman (Universiti Putra Malaysia, Malaysia), Mohd Nazren Radzuan (Universiti Putra Malaysia, Malaysia), Hazreen Haizi Harith (Universiti Putra Malaysia, Malaysia), Samsuzana Abd Aziz (Universiti Putra Malaysia, Malaysia), Norulhuda Mohamed Ramli (Universiti Putra Malaysia, Malaysia)

A6L-B Emerging Technology for Analog Circuit Techniques

TRACK 16.13: EMERGING TECHNOLOGY FOR ANALOG CIRCUIT TECHNIQUES (Oral)

Time: 16:45–18:00
Venue: 7F Large Conference Room A
Session Chair(s): Yong Sin Kim (Korea University)

16:45
ID2378: A 4-to-22 GHz 8-Phase Clock Generator Using Two-Inverter-Delay Ring Oscillator in 14-nm FinFET
Se-Hwan Park (Yonsei University, Korea), Jaewon Lee (Yonsei University, Korea), Woo-Young Choi (Yonsei University, Korea)

17:00
ID2279: DCD-Tolerant Reference-Less Clock and Data Recovery with Pattern-Filtered Frequency Detection Using an Extended 2-UI Observation Window
Jongmin Park (Sogang University, Korea), Jinwoo Hong (Sogang University, Korea), Jinwook Burm (Sogang University, Korea)

17:15
ID2090: Reconfigurable Error Correction System for Reducing Memory Costs in Data Centers
Seungyeon Jung (Korea University, Korea), Min Joon Kim (Korea University, Korea), Sehyeon Kim (Korea University, Korea), Yong Sin Kim (Korea University, Korea)

17:30
ID2144: An 11-Bit Single-Slope/SAR ADC with Fine Step Range Calibration
Junghan Kim (Chung-Ang University, Korea), Suyeong Lee (Chung-Ang University, Korea), Yena Hong (Chung-Ang University, Korea), Kwang-Hyun Baek (Chung-Ang University, Korea)

17:45
ID2149: A Buck Converter Using a Dynamic Ramp with Slope Sensing Technique
Min-Joon Cho (Chung-Ang University, Korea), Cha-Eun Hong (Chung-Ang University, Korea), Jeong-Wook Han (Chung-Ang University, Korea), Kwang-Hyun Baek (Chung-Ang University, Korea)