

The 2nd Taiwan-Singapore

Circuits and Systems (TSCAS) Workshop

第二屆台新電路與系統雙邊研討會



2026.11.01 SUN



國立中興大學電機工程學系 1 樓 101 會議室
National Chung Hsing University Department of Electrical Engineering

Time	Section
12:30-12:50	Registration
13:00-13:10	上半場開場致詞_黃穎聰(Yin-Tsung Hwang)教授
13:10-13:40	A compact intrusion detection system for real-time adversarial replay attacks detection in Connected vehicles. Speaker : Yi(Estelle) Wang, Global head of Consulting & Engineering, Product Cybersecurity, AI and safety, AUMOVIO, Singapore
13:40-14:10	Research on CMOS RFIC Passive Components: Inductors, Transformers, and Capacitors CMOS 射頻積體電路被動元件研究：電感、變壓器與電容 Speaker : Heng-Ming Hsu /Professor, National Chung Hsing University, Taiwan
14:10-14:40	Hardware-Aware Neural Architecture Search for Energy Efficient Edge AI Speaker : Bo Wang, Assistant Professor, Singapore University of Design and Technology
14:40-15:00	Coffee break
15:00-15:10	下半場開場致詞_鄭桂忠(Kea-Tiong Tang)教授
15:10-15:40	Scalable and Energy Efficient CGRA in a RISC-V SoC Speaker : Anh Tuan Do, Principal Scientist, ICDS, IME, Astar
15:40-16:10	Revolutionizing Multimedia Applications in the Era of Advanced VLSI Technology/先進 VLSI 技術驅動的多媒體應用革命 Speaker : Yeong-Kang Lai/Professor, National Chung Hsing University, Taiwan
16:10-16:40	Toward Agile and Intelligent Integrated Circuit and System Design Automation Speaker : Jinhai Hu, Scientist, ICDS, IME, Astar.
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