

2021 ICCE-TW Program at a Glance

SEPTEMBER 15								
Venue	Conference Hall	103	104	402-1	402-2	408-1	408-2	Poster Area
09:00 10:30	A1 Wireless, RF, and Network Technologies I	A2 Deep Learning-Based Multimedia Processing		A4 Artificial Intelligence Applications and Technologies in Internet of Things I	A5 Audio/Video Systems and Signal Processing I	A6 Innovation in Communication Technology I	A7 Advanced Computing Systems and Applications	
10:30 10:50	Coffee Break		B3 Intelligent Multimedia Computing (10:20-12:20)	Coffee Break				
10:50 12:20	B1 Wireless, RF, and Network Technologies II	B2 Artificial Intelligence Models for Multimedia: Representation and Applications I		B4 Artificial Intelligence Applications and Technologies in Internet of Things II	B5 The Emerging Data-Driven Technologies for Smart Service Systems	B6 Innovation in Communication Technology II	B7 Computer Communications and Signal Processing for IoT I	
12:20 13:10	Lunch							
13:10 14:10	C1 GaN Based Converters for Powering 5G and Beyond	C2 Artificial Intelligence Models for Multimedia: Representation and Applications II	C3 Intelligent Circuits and Systems	C4 Artificial Intelligence Applications and Technologies in Internet of Things III	C5 Computer Networks, Sensor Technologies and Big Data Computing	C6 Smart Technologies, Management and Control for Energy Systems	C7 Computer Communications and Signal Processing for IoT II	Poster Session A
14:10 14:20	Opening Ceremony (Conference Hall)							
14:20 15:20	Keynote Speech I (Conference Hall) Jyh-Ching Juang Autonomous Driving: Status, Challenges, and Opportunities							
15:20 15:40	Coffee Break							
15:40 17:10	D1 Signal Processing for Communication, Radar, Optics, Circuit Design, AI and GPU	D2 Deep Learning Based Robotic Systems	D3 Advanced Circuits and Signal Processing Systems	D4 Communication and Human-Centered Information Systems for Internet Applications	D5 Audio/Video Systems and Signal Processing II & Consumer Systems for Healthcare and Wellbeing	D6 Smart Sensing Technologies & Applications for Human Health Promotion	D7 Computational Intelligence Techniques for Electronic Design Automation	Poster Session B
17:10 18:10	Keynote Speech II (Conference Hall) Yoshihiro Okada Activities for Development of Educational Materials Using 3D Graphics and VR/AR							
18:30 20:30	Welcome Reception (Discovery Hotel)							

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SEPTEMBER 16								
Venue	Conference Hall	103	104	402-1	402-2	408-1	408-2	Poster Area
09:00 10:30	E1 Intelligent Devices, Circuits, Systems, and Algorithms for Smart Lives	E2 Circuits and Systems for Intelligent Signal Processing Technology	E3 Advanced Machine Learning for Smart IoT Applications	E4 Advanced Cryptography and Its Applications	E5 Best Paper Competition	E6 Efficient Algorithm and Architecture Designs for Circuit and System	E7 QoS/QoE-Related Technologies for Future Communication Systems	Poster Session C
10:30 10:50	Coffee Break							
10:50 11:50	Keynote Speech III (Conference Hall) Donald Y. C. Lie RF Hardware Design for 5G mm-Wave and 6G Revolutions: Challenges and Opportunities							
11:50 13:10	Lunch							
13:10 17:00	Tour							
17:30 21:00	Banquet (Four Points by Sheraton)							

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SEPTEMBER 17

Venue	Conference Hall	103	104	402-1	402-2	408-1	408-2	Poster Area
09:00 10:30	F1 Consumer IC Researches and Applications	F2 Human-Machine Interaction and User Experience I	F3 Machine Learning, Deep Learning and AI in CE I	F4 Biomedical Circuits and System Technology and Bioinformation Procession & Non-Invasive Biomedical Technology and Digital Health Care	F5 Energy Efficient Objects Detection for Smart Devices	F6 Artificial Intelligence of Things for the Consumer Technology	F7 Internet of Things, Internet of Everywhere, and Edge Computing	Poster Session D
10:30 10:50	Coffee Break							
10:50 11:50	Keynote Speech IV (Conference Hall) <i>Rong-Chung Liu</i> <i>Influencing Factor Considerations for Designing a High-Performance Compact Antenna Test Range (CATR)</i>							
11:50 13:10	Lunch							
13:10 14:40	G1 Automotive CE Applications & Application-Specific CE for Smart Cities	G2 Human-Machine Interaction and User Experience II & Sensors and Actuators	G3 Wearable Technology on the Health and Medical Electronics	G4 Consumer Electronics and Services for AIoT Technology and Applications	G5 Machine Learning, Deep Learning and AI in CE II	G6 Security and Privacy of CE Hardware and Software Systems & Smartphone and Mobile Device Technologies		Poster Session E