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# **Scientific Program**

#### [KS1] Keynote Speech I

#### **Banquet Hall B**

Chair: Shun-Hsyung Chang (National Kaohsiung University of Science and Technology, Taiwan)

KS-1 09:00-10:00 **YOLOv4 & Scaled YOLOv4 and Their Applications to Smart Transportation...N/A** *Mark Liao, Academia Sinica, Taiwan* 

# [O1] Advanced Mixed-Signal Circuits and Systems

#### **Banquet Hall A**

Chair: Hsin-Liang Chen (Chinese Culture University, Taiwan) / Ting-Yu Lin (National Cheng-Kung University, Taiwan)		
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### [O2] Multimedia and Systems

#### **Banquet Hall B**

Chair: Jian-Jiun Ding (National Taiwan University, Taiwan)			
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### Daffodil & Jasmine & Lily Room

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### [O5] Applications of Intelligent Algorithms for Engineering (I)

#### **Banquet Hall A**

Chair: Te-Jen Su (National Kaohsiung University of Science and Technology, Taiwan)

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#### **Banquet Hall B**

Chair: Phooi Yee Lau (Universiti Tunku Abdul Rahman, Malaysia) / Wen-Long Yao (National Kaohsiung University of Science and Technology, Taiwan)

of Scien	or science and Technology, Talwan)		
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### Daffodil & Jasmine & Lily Room

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### [O11] Deep Learning and Human-Computer Interaction User Interface Technology (I)

### Daffodil & Jasmine & Lily Room

Chair: Chia-Xuan Wu (National Taiwan Ocean University, Taiwan)		
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### **Best Student Paper Award**

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### [O13] Applications of Multimedia, Computer Graphics, Visualization, and Virtual/Augmented Reality

#### **Banquet Hall C**

Chair: Chen-Chi Hu National Chengchi University, Taiwan)		
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### [O14] Deep Learning and Human-Computer Interaction User Interface Technology (II)

### Daffodil & Jasmine & Lily Room

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#### [KS2] Keynote Speech II

#### **Banquet Hall B**

Chair: Miin-Jong Hao (National Kaohsiung University of Science and Technology, Taiwan)

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Fumitoshi Matsuno, Kyoto University, Japan

### [O15] Intelligent Devices, Systems, and Algorithms for Real-Life Applications (I)

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### [O16] Applications of Internet of Things for Automation Engineering (II)

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Chair: Te-Jen Su (National Kaohsiung University of Science and Technology, Taiwan)

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### [O16] Applications of Internet of Things for Automation Engineering (II)

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