

## ISCIT 2018: List of Best Paper Awards

### 1) Paper ID: 1570463748

Image Denoising with Deep Convolutional and Multi-directional LSTM Networks under Poisson Noise Environments

Teerawat Piriayatharawet (King Mongkut's University of Technology Thonburi, Thailand)

Wuttipong Kumwilaisak (King Mongkut's University of Technology, Thonburi, Thailand)

Pongsak Lasang (Panasonic R&D Center Singapore, Singapore)

Track: Computational Intelligence & Data Science

### 2) Paper ID: 1570472028

OTA-C based Compact Low-Pass Elliptic Filter

Pipat Prommee (King Mongkut's Institute of Technology Ladkrabang, Thailand)

Natapong Wongprommoon (Silpakorn University, Thailand)

Narongsak Manositthichai (King Mongkut's Institute of Technology Ladkrabang, Thailand)

Track: Circuit and Systems

### 3) Paper ID: 1570468537

A mobile Handover Mechanism based on Fuzzy Logic and MPTCP Protocol under SDN Architecture

Dongdong Yao (Chongqing University of Posts and Telecommunications, China)

Xin Su (Tsinghua University, China)

Jie Zeng (Beijing University of Posts and Telecommunications, China)

Bei Liu (Tsinghua University, China)

Track: Special Session on Microwave Integrated Circuit Design and Its Applications

#### **4) Paper ID: 1570471703**

Weapon Detector System by Using X-ray Image Processing Technique

Narumol Chumuang (Muban Chombueng Rajabhat University, Thailand)

Sattarpoom Thaiparnit (Rajamangala University of Technology Suvarnabhumi, Thailand)

Namthip Khuadthong (Muban Chombueng Rajabhat University, Thailand)

Mahasak Ketcham (King Mongkut's University of Technology North Bangkok, Thailand)

Track: Special Session on Business Intelligence Systems

#### **5) Paper ID: 1570474603**

Strong-Indication Full-Adder circuit for NULL Convention Logic automation flows

Basma G. Fawzy (Helwan University, Egypt)

Mostfa M. Abutaleb (Helwan University, Egypt)

Mohamed I. Eladawy (Helwan University, Egypt)

M. Ghoneima (Ain Shams University, Egypt)

Track: Special Session on Smart Electronics and Its Applications for Manufacturing

#### **6) Paper ID: 1570485187**

Implementation of FPGA Based I<sup>2</sup>C Controller for Pipelined 12-Bit ADC

Thanat Sooknuan (Rajamangala University of Technology Isan, Thailand)

Itsariya Aksonkid (Rajamangala University of Technology Isan, Thailand)

Maitree Thamma (Rajamangala University of Technology Isan, Thailand)

Witchupong Wiboonjaroen (Rajamangala University of Technology Isan, Thailand)

Track: Special Session on Multidisciplinary Studies on Circuit, Human, System, and its Applications