

# Guest Editorial

## Special Issue on Selected papers from ICICE 2019

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Engineering and Design Innovations are both academic and practical engineering fields that involve systematic technological materialization through scientific principles and engineering designs. Technological innovation by Electrical/Mechanical Engineering includes Information Technology (IT)-based Intelligent Electrical/Mechanical Systems, Electronics, Mechanics, Human-Computer Interaction (HCI) and Design Innovations. IT-based Intelligent Systems, which implant intelligence to systems, is an interdisciplinary area combining conventional electrical/mechanical technology and new information technology.

This special issue selected 5 papers from “8th IEEE International Conference on Innovation, Communication and Engineering 2019 (IEEE ICICE 2019)”. The ultimate aim is to discover new scientific knowledge relevant to IT-based Intelligent Electrical/Mechanical Systems, Mechanics, Human-Computer Interaction (HCI) and Design Innovations.

As the Guest Editors of this special issue, we would like to thank all authors who have submitted papers to the special issue and express our deepest gratitude to the reviewers for taking the time to comment on the papers.

We look forward to your participation in future special issues of Innovation, Communication and Engineering.

### Guest Editors



**Hao-Ying Lu** was born in Taipei, Taiwan, in 1976. He received Dual degree B.E. and B.S. in Electric engineering and Chemistry from National Cheng Kung University (NCKU). He also received Ph.D. degree in electric engineering from National Cheng Kung University in 2005. He is an Associate Professor with Nation Quemoy University (NQU), Kinmen, Taiwan, where he is teaching physics and semiconductor courses in the department of electronic engineering. His current research interests include nanomaterials, phosphors, sensors, green energy technology and internet of things (IoT).



**Sheng-Joue Young** was born in Tainan, Taiwan. He received the B.S. degree from the Department of Physics, National Changhua University of Education, Changhua, Taiwan, in 2003, the M.S. degree from the Institute of Electro-Optical Science and Engineering from National Cheng Kung University, Taiwan, in 2005, and the Ph.D. degree from the Institute of Microelectronics, National Cheng Kung University, in 2008. He was a Visiting Research Student with the Graduate School of Engineering, Chiba University, Chiba, Japan, from July 2007 to September 2007. In 2010, he became an Assistant professor with the Department of Electronic Engineering, National Formosa University, Yunlin, Taiwan. He was promoted to an Associate Professor in 2013. He was a Distinguished Professor with the Institute of Creative Industries Research, Fuzhou University, from January 1, 2014 to December 31, 2014. He guided the Institute to carry out academic research. From August 01, 2020, he transferred to become an Associate professor with the Department of Electronic Engineering, National United University, Miaoli, Taiwan. His current research interests include semiconductor physics, optoelectronic devices, and nanotechnology. He has published more than 130 SCI and EI papers in recent years.

