Welcome to the 2018 International Conference on Information, Communication and Engineering (ICICE 2018). This conference is the first attempted collaboration among Jimei University, Xiamen Association for Science and Technology, International Institute of Knowledge Innovation and Invention, Singapore (IIKII), Information Engineering College of Jimei University, Xiamen Institute of Communication and Fujian Institute of Communication in organizing an interdisciplinary conference in the area of science and engineering technolo-gists.

ICICE 2018 provides a unified communication platform for researchers in a wide area of topics from information technology, innovation design, communication science & engineer-ing, industrial design, creative design, applied mathematics, computer science, design theory, cultural & creative research, electrical & electronic engineerial & automation engineering, green technology & architecture engineering, material science and other related fields. Our aim is to enable interdisciplinary collaborations among a diverse group of teach-ers, educators, engineers and technologists, from across multiple disciplines, for a generation filled with new ideas, collaboration potentials and business opportunities.



## Editor ang Zhao

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## Recent Developments on Information and Communication Technology (ICT) Engineering

**Editors:** 

Teen-Hang Meen Cheng-Fu Yang Wenbing Zhao

