FOREWORD

Special Section on Frontiers of Internet of Things

Internet of Things (IoT) originally refers to the possibility of discovering information about a tagged object by browsing an Internet address or database entry that corresponds to a particular RFID tag. Now, it is extended to the general idea of things, especially everyday objects, those are readable, recognizable, locatable, addressable, and/or controllable. These objects or things may be equipped with devices to allow people and things to be connected anytime and anywhere, with anything and anyone. IoT covers a wide range of technologies including tagging, sensing, networking, computing, storage, and control, which together build feasible complex cyber physical and social systems. Because of such reasons, a special section was planned to further promote research and development of frontiers of IoT technologies.

After the open call for papers, the editorial committee received a total of 18 papers (including 2 letters). It is extremely difficult to select because there were many excellent and interesting submissions. Through a careful reviewing process in which each paper was rigorously reviewed by at least two professional reviewers, finally the editorial committee accepted 8 papers. In addition, we invited 3 leading researchers to contribute invited papers.

This special section is the result of hard and excellent work of many professional reviewers. We would like to express our sincere appreciation to all authors for their valuable contributions.

Editorial Committee Members
Guest Editors: Kaoru Ota (Muroran Inst. of Technology), Guojun Wang (Central South Univ.), Kazuhide Fukushima (KDDI Lab)
Guest Associate Editors: Kouichi Sakurai (Kyushu Univ.), Kenichi Takahashi (Tottori Univ.), Bernady O. Apduhan (Kyushu Sangyo Univ.), Zixue Cheng (The Univ. of Aizu), Tadashi Dohi (Hiroshima Univ.), Ying Dai (Iwate Prefectural Univ.), Minyi Guo (Shanghai Jiao Tong Univ.), Runhe Huang (Hosei Univ.), Qun Jin (Waseda Univ.), Jie Li (Univ. of Tsukuba), Ruidong Li (NICT), Zhen Liu (Nagasaki Inst. of Applied Science), Yuto Nakano (KDDI Lab.), Bagus Santoso (I2R), Chunhua Su (JAIST), Ilsun You (Korean Bible Univ.), Masakazu Soshi (Hiroshima City Univ.), Hiroshi Yamamoto (Nagaoka Univ. of Technology), Toshihiro Yamauchi (Okayama Univ.), Neil Y. Yen (The Univ. of Aizu), Gang Zeng (Nagoya Univ.), Xia Xie (Huazhong Univ. of Science and Technology)

Laurence T. Yang, Guest Editors-in-Chief

Laurence T. Yang (*Member*)   is a professor at School of Computer Science and Technology, Huazhong University of Science and Technology, China and Department of Computer Science of St. Francis Xavier University, Canada. His current research includes parallel and distributed computing, embedded and ubiquitous/pervasive computing, and big data. He has published more than 200 journal papers in various refereed journals (more than 1/3 on IEEE/ACM Transactions and Journals, others mostly on Elsevier, Springer and Wiley Journals). In addition, he is the editors-in-chief of several international journals. He is serving as an editor for many international important journals such as IEEE Transactions on Computers, IEEE Systems, etc.