Preface

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During the last decade, many countries have adopted in recent years roadmap for developing the future infrastructure in emerging platform technology areas such as automobile, big data processing technology, biotechnology, nanotechnology, grid computing and ICT (Information and Communication Technology). The aim of the journal is to promote interdisciplinary research in platform technologies and other applied fields in mathematics, engineering and sciences to investigate specific methodologies and develop technologies that will contribute to the development of the future infrastructure.

Our special interest lies in both theoretical and practical research contributions presenting new techniques, concepts, or analysis, reports on experiences and experiments of implementation and application of theories, and tutorials on new technologies and trends in platforms.

We are honored to feature three review articles and one scientific article for this first issue of JPT (Journal of Platform Technology). This first issue starts with an article by Jeong-Sik Park, Kyung-Mi Park and Yung-Hwan Oh. The article entitled "Technical Issues for Automatic Article Retrieval from Spoken Broadcast News" discusses some research topics related with the keyword spotting-based article retrieval system in broadcast news data such as Speech and Audio Classification, Noise Reduction and Utterance Verification.

The second article entitled "Toward Smart Robot – A Survey of Smart Device based Sensing and Control Methods for Robotic Applications" by Yong-Ho Seo presents methods of the remote control and monitoring of various types of mobile robots using Bluetooth or WIFI with a smart device. Moreover, author suggested the technology for generation of odometric information of a mobile robot and following technology based on the use of a touch event of smart device.

The next article entitled "Vehicular Communication Simulation Platform (VCSim) for Traffic-oriented Environment" by Qiang Zheng, Xiaoting Wang, Minpeng Miao and Kan Zheng presents a framework of heterogeneous vehicular networks integrating 3G LTE and IEEE 802.11p. The resource management in heterogeneous vehicular networks was also discussed.

The last article entitled "Web of Things: Future Internet Technologies and Applications" by Cheong Ghil Kim discusses the technical issues on WoT (Web of Things) over recent years. Kim introduced a prototype system in the field of building energy management systems and a representative WoT application by configuring several web services with automatic controlling functions.

We believe that these articles have the good quality and the relevance that we expect for developing JPT. Finally, we would like to thank all authors, reviewers, and members of the editorial board of JPT.

Authors are welcome to submit papers relevant to the scope of the JPT (Journal of Platform Technology) at any time. The JPT submissions and reviews are conducted via journal submission system which is available at http://jpt.ictps.org/. We also welcome proposals for Special Issues, which should be submitted to the EiC (Editor-in-Chief; Prof. Seungmin Rho). The journal's website is http://jpt.ictps.org/ and online articles are available at the website in PDF format.