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- Fifth International Conference on Future Generation Communication Technologies (FGCT 2016)
- Sixth International Conference on Innovative Computing Technology (INTECH 2016)
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Editorial

We are pleased to release the first issue of the *Signals and Telecommunication Journal* for this current volume.

High gain and low noise 3.1-10.6 GHz ultra wideband (UWB) CMOS low noise amplifier (LNA) are found to be more functional and effective. Hence the authors *Xiaorong Zhao, Honghui Fan, Hongjin Zhu, Zhongjun Fu* and *Haijun Huang* in the paper on “**A High Gain and Low Noise UWB LNA for 3.1-10.6 GHz Wireless Application in 130 nm CMOS Technology**” have designed it with common gate (CG) topology. The authors have fabricated the LNA using TSMC 130 nm CMOS technology. Authors claim that the simulation results gained high power and resulted in low noise thus resulting to promising results.

Many self-organization sensor nodes with limited energy, processing capability and storage are the characters of the wireless sensor networks. The authors *Zhuang Liu, Xin Feng, Jingjing Zhang, Teng Li* and *Yanlong Wang* in the paper on “**A New Clustering Routing Protocol Based on Optimized Intersection Angle Rumor Routing and Localization Technology in WSN**” have investigated the routing protocol based on query and propose a new routing protocol, in which they used clustering idea to control the data volume to transmit, and localization technology and rumor routing protocol optimized by intersection angle theory to reduce the energy consumption of data transmission. Results of simulation experiments authors claim that the new routing protocol can reduce the energy consumption of the network and extend the lifecycle of the network.

Even this issue has just two pieces of research both have contributed to the technical merit and innovations to a greater degree.

Editors