



Signal Processing for Wireless Sensor Networks and Communication System

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Message from the Guest Editors

Dear Colleagues,

There is an increasing demand for advanced signal processing techniques for sensing and communications. Advanced machine-type communication techniques are needed to support massive wireless sensors with various delay and data rate requirements. Wireless sensors with more intelligence are also in demand. Integrated sensing and communication techniques, which integrate the two functions in one system, are also emerging as an attractive solution, achieving significant savings in terms of power consumption and device size and cost. We shall see an unprecedented revolution in our physical world for wireless devices and applications.

This Special Issue seeks innovative digital signal processing solutions to important sensing and communication problems. The scope of this Special Issue includes (but is not limited to):

- Integrated sensing and communications;
- Millimetre wave radar signal processing techniques;
- RFID sensing and localization;
- Machine learning and pattern analysis techniques for wireless sensors;
- Signal processing for machine-type communications.





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Message from the Editor-in-Chief

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