



Multi-Scale Communications and Signal Processing

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Message from the Guest Editors

This Special Issue comprises selected papers from the proceedings of The 8th International Conference on Computer and Communications Systems (ICCCS 2023). This conference offers an annual platform for international scientists, engineers, and researchers to present the latest research results, ideas, developments, and applications in communication fields. We welcome regular research and review articles on all aspects of communication. Potential topics include, but are not limited to, the following:

1. Internet of BioNano Things (IoBNT) and biocyber interfaces
2. Signal detection methods in IoBNT with molecular or terahertz communications
3. Bio-compatible multiple access mechanisms
4. Energy-efficient modulation schemes for molecular or terahertz communications
5. Security and privacy in multi-scale Internet of Things
6. Multi-scale underwater communication methods
7. Upper layer design in IoBNT
8. Analysis and modeling of molecular noise signal
9. Channel modelling, characterization, estimation, and simulation
10. Abnormality detection and localization for nano networks
11. Coding theory
12. Application for molecular or terahertz communications
13. AI and big data for multi-scale communication systems

Special Issue



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Message from the Editor-in-Chief

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