Special Issue

Short Packet Communications for 5G and Beyond

Message from the Guest Editor

With the emergence of Internet of Things applications and services and development of ultra-reliable low-latency communications (URLLC) and massive machine-type communications (mMTC) in the 5th generation of mobile standards, short-packet communication has gained enormous attention in recent years. In many mMTC scenarios, a small amount of data should be exchanged between the transmitter and receiver, which necessitates the use of short packets to maximize bandwidth efficiency. On the other hand, short packet communication can significantly reduce the latency which is favorable for URLLC applications.

The purpose of this Special Issue is to shed light on the novel approaches for short packet communications. Researchers are highly encouraged to submit their recent findings in the field of information and coding theory and wireless communications.
Topics of submission include but are not limited to the following:

- Physical Layer Techniques for Short Packet Communications

- MAC, application and other upper layer technologies for Short Packet Communications

- Information security technologies for short packet communications

Guest Editor

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Deadline for manuscript submissions

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MDPI

Entropy

About the Journal

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.
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