

Review of: "Optimized Low-Powered Wide Area Network within Internet of Things"

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Potential competing interests: No potential competing interests to declare.

The paper was well written. Author has done good review of related work. However a few point need clarification .

1. LoRaWAN uses pure ALOHA protocol for the communication. The efficiency of pure ALOHA is around 18-19%. It means most of the communication is failed due to collision. It means that there must be more retransmission of the data, which ultimately leads to more energy consumption. That contrast the moto of power saving.
2. Author uses PSO as optimizations' technique which is quite old technique. There are many new optimization algorithms are available that have better efficiency than the PSO. Author needs to specify why they select PSO over other algorithm.