



## Machine Learning Advances Applied to Wireless Multi-hop IoT Networks

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Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### Message from the Guest Editors

Wireless multihop networks have experienced an enormous evolution since their inception back in the 1990s. The multihop paradigm is envisioned to play an essential role in the IoT ecosystem, since ubiquitous devices will interconnect with each other through different wireless technologies, creating intelligent systems like smart cities.

Machine learning techniques have experienced a new flourishing in the last few years due to the availability of massive data and high computational resources even for low-cost and embedded devices like the ones used in multihop networks. Supervised and unsupervised learning techniques are the leading hotlines, including regression, classification, clustering, among other more advanced approaches like reinforcement learning and deep learning. These techniques will allow the improvement of the underlying operational mechanisms of wireless multihop networks throughout all communication layers. This Special Collection seeks to publish novel approaches of machine learning techniques to improve the performance of wireless multihop networks for the IoT ecosystem.





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## Message from the Editor-in-Chief

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