



## Novel Algorithms and Protocols for Networks

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submissions:

**closed (30 September 2020)**

### Message from the Guest Editors

Dear Colleagues,

Today, applications can be instantiated in a number of datacenters located in different segments of the network, from the core to the edge. Users accessing these applications have stringent requirements in terms of latency, reliability, mobility, and security. Consequently, the network supporting such applications must be dynamic and support multihoming and high user mobility rates, providing a low latency and secure access.

In this context, this Special Issue is targeted at the latest proposals and results in algorithms and protocols to guarantee the required level of performance and QoS guarantees by the upcoming applications envisioned in the post-5G era, including but not limited to the following topics:

- Novel distribution of computing operations to improve application performance
- Intelligent data storage, processing and movement
- Smart deployment of context aware functionalities
- Novel security-by-design architecture models
- Novel algorithms and protocols to deploy, operate, monitor, and troubleshoot networks automatically

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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