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Advances in Network Modeling, Analysis and Optimization

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Message from the Guest Editors

decade has witnessed revolutionary recent developments in various layers of networking. In this Special Issue, we aim to attract contributions reflecting novel applications and/or new developments (e.g., mathematical approaches integer linear programming, combinatorial optimization approaches, aueueing theory. graph exact/approximation/online algorithms, decompositionbased approaches) in the arising network paradigms. We are particularly interested in studies concerning the modelling, analysis, and optimization of emerging network problems in the following (nonexhaustive) list of domains:

- 1. Software-defined networks:
- 2. Network virtualization;
- 3. Network function virtualization;
- 4. Edge/fog/cloud computing;
- 5. Internet of Things (IoT);
- 6. Optical networks:
- 7. Social networks;
- 8. Vehicular networks.











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Message from the Editor-in-Chief

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