



## New Advances and Challenges in Communication Networks

Guest Editors:

**Dr. Ivan Cvitić**

ivan.cvitic@fpz.unizg.hr

**Prof. Dr. Dragan Peraković**

dragan.perakovic@fpz.unizg.hr

**Prof. Dr. Anca Delia Jurcut**

anca.jurcut@ucd.ie

**Prof. Dr. Goran Marković**

g.markovic@sf.bg.ac.rs

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submissions:

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### Message from the Guest Editors

This Special Issue calls for papers presenting novel works regarding planning, development, optimizing, simulating, and securing communication networks. Furthermore, high-quality review and survey papers are welcomed. The papers considered for possible publication may focus on, but are not necessarily limited to, the following areas:

### Keywords

- Cybersecurity, Networks' Attack Detection and Prevention, and Digital forensics
- Critical services communication
- Quality of service/experience
- Quantum communications
- Predictions and classifications in network communications
- Application of ML and AI in network communication
- Innovative information and communication services
- Security Protocols Design and Analysis and Formal Verification
- Optimization of communication networks
- Advanced technologies and techniques in optical networking
- Network and traffic engineering in communication networks

