Special Issue

New Trends in SDN/NFV Architectures and Routing Solutions

Message from the Guest Editors

Submissions to this Special Issue on ''New trends in SDN/NFV architectures and routing solutions" are solicited to represent a snapshot of the field's development by covering a range of topics that include but are not limited to new protocols, algorithms, solutions, and applications in the following areas:

- Intra- and inter-domain routing solutions based on SDN architectural principles
- Protocols novel in-band SDN control and telemetry channels
- Hybrid SDN/NFV network architectures
- Routing solutions based on the programmability of the control and/or data planes
- Offloading techniques of control and data plane functions
- AI/ML-based routing algorithms
- SDN-based network monitoring
- Design and implementation of hybrid programmable data planes
- Advanced packet manipulation and scheduling in programmable data planes
- SDN-based control and management of multi-layer networks
- Intent-based SDN protocols and architectures
- Novel architectures for function placement and orchestration in SDN/NFV networks

Guest Editors

Prof. Dr. Isaias Martinez Yelmo

Dr. Christian Esteve Rothenberg

Dr. Marco Savi

Deadline for manuscript submissions

closed (30 October 2021)

Electronics

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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