

Special Issue

Novel Cloud-Based Service/Application Platforms and Ecosystems

Message from the Guest Editors

This Special Issue focuses on recent research results and challenges, as well as novel developments and technologies, related to NFV, SDN, and virtualization in general. We are particularly interested in application level design, system and network management methods, and the control and data plane performance of cloudified platforms. We welcome the latest findings from research, ongoing projects, and review articles that can provide readers with current research trends and solutions. The potential topics include, but are not limited to:

- Novel telco services, applications enabled by SDN/NFV
- Ultra-low latency applications, e.g., AR/VR/MR (augmented/virtual/mixed reality), tactile Internet enabled by edge computing
- SDN, NFV, beyond 5G technologies
- Cloud native platforms: CaaS (container as a service), FaaS (function as a service), serverless
- Real-time cloud solutions
- Network-cloud integration
- Novel/disrupt network technologies, e.g., NDN (named data networking)
- AI-based technologies and system components
- Business aspects of cloudification and cloud/network provider federation

Welcome to contribute.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2021)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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