



an Open Access Journal by MDPI

## Network, Compute, and Storage Management Using Software Defined Environments (SDEs)

Guest Editors:

**Prof. Dr. Douglas Comer**

Purdue University, Department of  
Computer Science, West  
Lafayette, IN, USA

**Mr. Adib Rastegarnia**

Purdue University, Department of  
Computer Science, West  
Lafayette, IN, USA

Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editors

SDEs are at early stage of development and further investigation of these emerging technologies is warranted. This special issue will focus on the theme “Network, Compute, and Storage Management using SDEs”. We invite researchers and practitioners to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal on all topics related to SDEs. Topics of interest include, but are not limited to:

Topics:

- Novel applications for SDN
- High level programming languages and APIs for SDN
- Software Defined Network Management Systems
- Intent based programming APIs for SDN
- Software-defined datacenter management
- Software Defined Cloud (SDC)
- Network monitoring using SDN
- Virtualized network functions
- Novel architectures for SDN and NFV
- Software-Defined Infrastructures (SDI)
- Software Defined WAN (SD-WAN)
- Novel solutions for security issues of SDN/NFV-based networks
- Software Defined Servers and Virtualization
- Performance evaluation of Software Defined Networking systems



[mdpi.com/si/L7708](http://mdpi.com/si/L7708)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Gianluigi Ferrari

Department of Engineering and  
Architecture, University of Parma,  
Parco Area delle Scienze, 181/A,  
43124 Parma, Italy

## Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Computer Science, Information Systems*) / CiteScore - Q1 (Computer Networks and Communications)

## Contact Us

---

*Future Internet* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/futureinternet](http://mdpi.com/journal/futureinternet)  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)  
[X@FutureInternet6](https://twitter.com/FutureInternet6)