Software Defined Networking attempts to use software defined packages or modules for implementing network features/functions and their control and management. SDN decouples physical networking infrastructure/resources from the services that utilize them so that a controlled level of flexibility in resources assignment can be achieved seamlessly for the desired services. It utilizes the concept of separating network control plane from the network traffic forwarding plane. The control plane can be physically distributed but it is logically centralized.

Universally acceptable open Application Programming Interface (API) is required to expose the forwarding plane to the control plane. This API must be an open programmable interface to virtualized forwarding resources from different implementation and administration domains. Therefore, the required brokering and orchestration would be essential to successful implementation and deployment of SDN.

In this special issue of JNSM, we look forward to publishing original research papers that are focused on network and system management aspects of SDN. The areas of interest include the following:

- Use cases focusing on Efficient Delivery of Emerging Services
- SDN Interoperability Framework
- Distributed Multi-Domain Control of Information Forwarding
- Control and Orchestration API
- Programming (Languages) and Debugging of SDN Elements and System
- Privacy and Security of Services and Control
- Auditability/Verifiability of Resources Allocation and Consumption
- Implementation Reports and Field Trials
- Management of OpenFlow based networks
- Orchestration and programmability of virtual resources (networking, computation and storage) and services

Submission guideline:
Authors are invited to submit clearly written, high quality original paper that is not under review by other journals or conferences. The instructions for manuscript preparation and submission can be found at [http://www.springer.com/journal/10922](http://www.springer.com/journal/10922).

All manuscripts and any supplementary material should be submitted through editorial manager system at https://www.editorialmanager.com/jons/. The authors must select “SI: Software Defined Networking” for the “Article Type” step in the submission process.

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