CALL FOR EXPERIENCE SESSION PAPERS

IEEE/IFIP NOMS 2023
Network Operations and Management Symposium
8-12 May 2023, Miami, FL, USA

https://noms2023.ieee-noms.org/authors/call-experience-session-papers

Submission Deadline: October 21, 2022 (Final)

The IEEE/IFIP NOMS 2023 symposium will include an Experience Session program. Experience Sessions will complement the Technical Sessions with contributions emphasizing practical experiences and lessons learned in applying, implementing, integrating, and deploying management technologies. They will focus on aspects such as real-world deployment scenarios, testbed and open-source systems, experiences with the management of new services and technology, industrial applications of management technologies, implementation examples of new management technologies, organizational impact, and business cases. Experience Sessions are mainly aimed at decision-makers and experts from the industry.

Topics of Interest:

Specific topics include but are not limited to the ones listed below. Please refer also to the general Call for Papers.

* Management case studies and best practices
* Issues and experiences with practical deployments
* Software Defined Networks (SDN) and enabling technologies
* Internet and networking measurements tools and datasets
* Passive and active big data Internet measurement solutions
* SDN frameworks, OpenFlow deployments
* Orchestration for SDN controllers
* Development experience using P4
* Network function virtualization (NFV) implementations
* Data center automation
* Management of cloud, virtualized environments
* Cloud service assurance
* Edge computing, utilization of AI/ML at the network edges
* Internet of things, cyber-physical systems
* 5G networks and services
* Smart grids / cities / environments
* Big data analytics in management
* Cognitive networks, deep learning, artificial intelligence
* Building automation and management
* Experiences with autonomic networking and self-management
* Industrial system automation and management
* Cyber-security and risk management

* Green management, energy and performance efficiency
* Managing interactive media, content-centric environments
* Social networking infrastructure and management
* Management of emerging networks and services
* Management information models
* Management standards and enabling technologies
* Integration technologies for management
* Event correlation, diagnostics, fault, performance management
* Billing and accounting models and service level management
* Business alignment of IT service management
* Organizational aspects of IT service management
* OSS/BSS development
* Virtualization of operation centers and help desks
* Network disaggregation experimentation and deployments
* Service engineering and operational challenges
* Experiences with call home frameworks
* Managed service provider issues
* Service delivery and service assurance
* Experiences with process engineering and frameworks (ITIL, eTOM, ONAP)

Submission Instructions:

Authors are invited to submit their papers using the JEMS conference submission system from: https://noms2023.ieee-noms.org/authors/call-experience-session-papers

Papers for the Experience Sessions must be written in English and follow the IEEE 2-column format. Paper submissions must not exceed 6 pages (including references), in PDF format only.

The papers accepted for publication in the Experience Sessions, and presented at the symposium by one of the authors (as per the IEEE no show policy), will be published in the official electronic proceedings of NOMS 2023 in IEEE Xplore.

Important Dates:

Paper Submission Deadline: October 21, 2022 (Final)
Notification of Acceptance: December 16, 2022
Camera-Ready: January 30, 2023

For more information, please contact the Experience Session Co-chairs at:
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