IEEE Workshop on Network Automation

February 25, 2019, 8:30 am – 6:30 pm

Ericsson

1 Ericsson Dr, Piscataway Township, NJ 08854

Registration Link: http://www.ieeeonaworkshop.org/

ComSoc Members Attend Free, Limited Seats

Registered Attendees are Eligible to Receive Continuing Education Credits (CEUs)

Network Disaggregation and Network Softwarization is radically changing the way Networks are Designed, Deployed, Managed and Operated. The goal of End-to-End Network Automation is to help Service Providers achieve their desired target of "Zero Touch Provisioning" across the entire Network, spanning physical and virtual domains, and covering the Transport and Data Center Networks.

The increased maturity in SDN and NFV technologies and adoption of Open Source and DevOps principles is contributing towards an Open End-to-End Network Automation framework. Intent-based Networking is driving the need for higher level of Network abstraction, while Network Slicing – especially in the context of 5G - is requiring automation to be supported at the granular level of Slices.

Finally, Service Providers are leveraging Artificial Intelligence to improve Network efficiency, lower their operating costs, and improve both the quality of service and customer experience.

Underpinning these trends and advances, the IEEE Workshop on Network Automation is bringing together leading experts from telecom service providers, cable service providers, mobile service providers, software service providers, open source network automation projects and industry consortiums as well as leading researchers from academia to discuss the latest technical innovations, opportunities and challenges in Network Automation.

This single-day workshop is being co-sponsored by IEEE Communications Society and IEEE Princeton Central Jersey Section. This will provide a unique forum for Architects, Developers, Testers, and Business Leaders as well as students and researchers from academia to be informed about the evolving landscape of Network Automation technologies, deployment use cases and business models and an opportunity to network and share their learnings and experiences.

The following industries, open source projects, industry consortiums and academia are scheduled to present:

- AT&T
- Comcast
- Verizon
- Ericsson
- Nokia
- Fujitsu
- Ciena
- Juniper Networks
- Cisco
- NIKSUN
- Lumina Networks
- ONAP
- ONOS
- ORAN
- ODL
- ETSI IFA
- MEF
- IAB-IETF
- P4
- Cornell University
- University of Washington in St. Louis,
- University of Texas in Austin

The following speakers are confirmed:

- Nate Foster (Cornell University, Barefoot Networks)
- Marina Thottan (VP, Nokia Bell Labs)
- Robert Howald (VP, Comcast)
- Sunil Maloo (AVP, AT&T)
- Raj Jain (Professor, University of Washington, St. Louis)
- Gustavo de Veciana (Professor, University of Texas, Austin)
- Richard Dunsmore (Director, Fujitsu Network Communications)
- Walter Willinger (CTO, NIKSUN)
- Steven Wright (Chair VNF Project, ONAP)
- Jeff Tantsura (IAB, CTO Apstra)
- Balaji Subramaniam (Director, Ciena)
- Raquel Morera (Fellow, Verizon)
- Stuart Mackie (Director, Juniper Networks)
- Brian Freeman (Fellow, AT&T)
- Mehmet Toy (Fellow, Verizon)
- Shaleen Saxena (Principal, Lumina Networks)

Registration Rates

- **ComSoc members FREE**
- **IEEE members $69**
- **Nonmembers $199**
- **IEEE Student members $19**
- **Student nonmembers $59**

Registered attendees of this day-long workshop are eligible for IEEE Continuing Education Credits (CEUs), an extra charge $5 for the Certificate is requested.

Date and Time

- Start time: **Monday, February 25, 2019 08:00 AM**
- End time: **Monday, February 25, 2019 06:30 PM**
- All times are US/Eastern

Location

Ericsson
1 Ericsson Drive
Piscataway, NJ 08854

Contact

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IEEE Princeton Central Jersey Section

Registration

Admission fee applies
http://www.ieeeonaworkshop.org/
Ends **February 25, 2019 3:00 PM**
All times are US/Eastern