2023-11 - Anuket: AI/ML in Networking - State of Art

Short Description

60m, Rohit Singh Rathaur Sridhar Rao

In this session we will share our findings on the State of AI/ML in Networking. The findings are outcome of a systematic survey on AI/ML specific to Networking usecases. The existing problems are solutions are divided into 5 main categories (Analysis, Detection, Prediction, Combination Problems and Generation). In each categories there are 4 sub-categories, resulting in 20 sub-categories. We will summarize the state of each of these problem categories/sub-categories. The session will also include demo of some of the important works in this domain, under different categories.

Topic Overview

Session Type

x	Interactive technical presentation and/or capability demo
	Pre-Recorded technical presentation and/or capability demo
	Live / hands-on technical training
	Community process, governance or collaboration development
	Real-time troubleshooting, bug-scrub or similar
	Other (please describe)

Slides & Recording

> ⓘ **YouTube**
>
> Following the event session recordings may be uploaded to our YouTube Channel at the full discretion of LFN staff.

AIML-Networking.pptx

AI-ML for Networking.mp4

Notes From Session (as appropriate)

Action Items (as appropriate)

- ☑ Rohit Singh Rathaur Slides due date 31 Oct 2023