

Panel Discussion, June 17th 2021 Network Intelligence for the future

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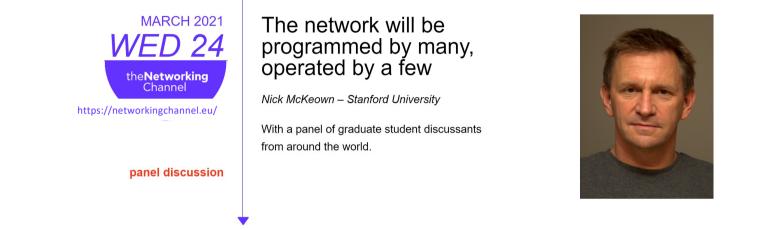
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Huawei R&D in a nutshell

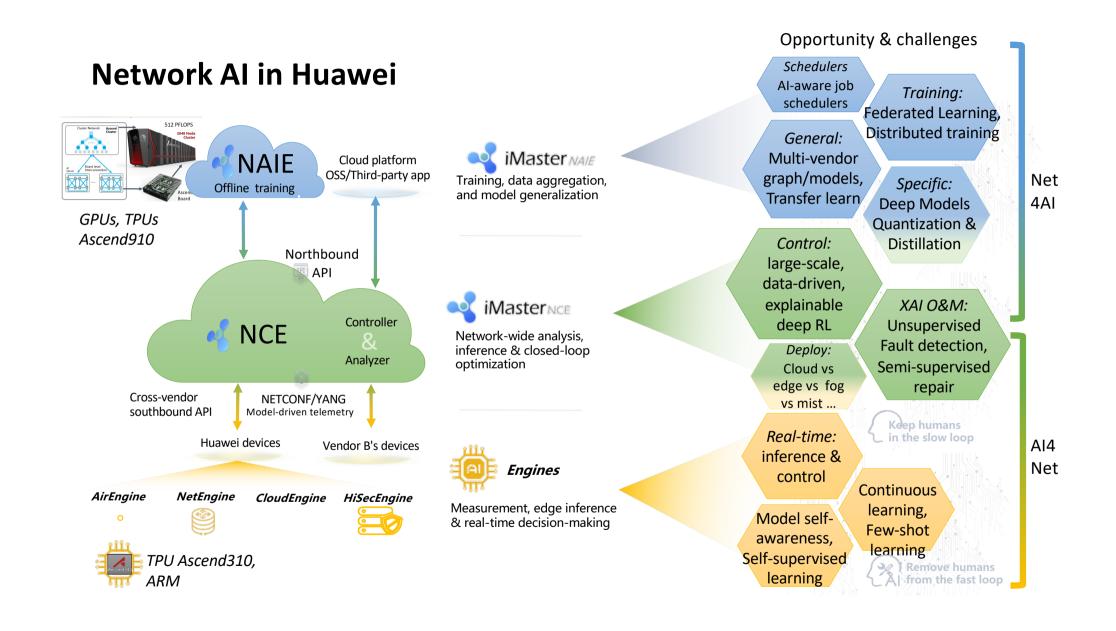


What people smarter than me say about ML+networks

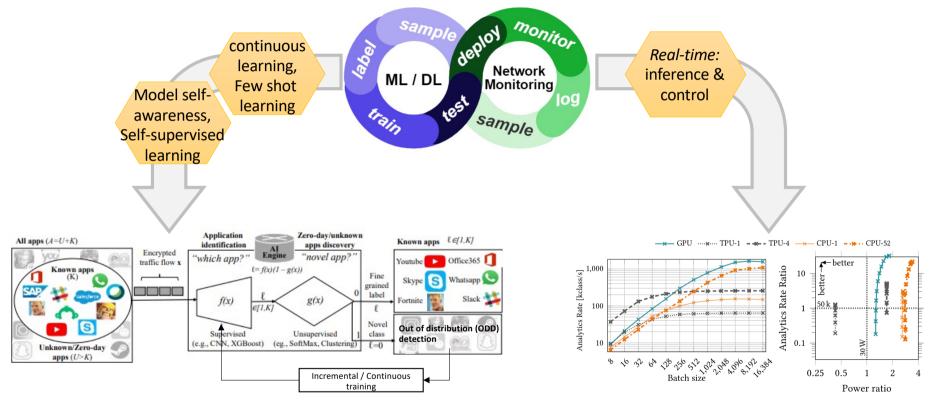


« Machine learning is very good at understanding and predicting the behavior of systems we do not understand [...] but networking is mostly about implementing something according to a "model" we already know » https://www.youtube.com/watch?v=-cvNw1g5kJc

To Provoke : Should we continue to only pursue a bottom-up approach for networking?



The future: networks empowered with data-driven decisions



- A First Look at Class Incremental Learning in Deep Learning Mobile Traffic Classification (TMA'21)
- Deep Learning and Traffic Classification: Lessons learned from a commercial-grade dataset with hundreds of encrypted and zero-day applications (arXiv:2104.03182)

• Fenxi: Deep-learning Traffic Analytics at the Edge (SEC'21)



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Thanks



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