

# Software Switching for Data Acquisition

*Wednesday, 14 September 2016 14:20 (20 minutes)*

In this talk we discuss the feasibility of replacing telecom-class routers with a topology of commodity servers acting as software switches in data acquisition. We extend the popular software switch, Open vSwitch, with a dedicated, throughput-oriented buffering mechanism. We compare the performance under heavy many-to-one congestion to typical Ethernet switches and evaluate the scalability when building larger topologies, exploiting the integration with software-defined networking technologies.

Please note that David Malone will speak on behalf of Grzegorz Jereczek.

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