

# Statistical analysis of peer-to-peer live streaming traffic

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## **Abstract**

Effective network dimensioning and usage requires an accurate analysis of the network traffic components. A recently emerging network traffic component is the peer-to-peer (P2P) live streaming (TV) traffic. The paper analyse its stochastic behaviour based on the data sets collected at a recent measurement campaign. Apart of the commonly applied (short range) statistical tests we devote special attention to the long range behaviour of the traffic process.