Sampling Techniques and Information Export for Network Measurements

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In this talk I will give an overview of ongoing work in the IETF groups on IP Flow Information Export (IPFIX) and Packet Sampling (PSAMP). The groups define standards for exporting flow and packet data from routers and probes and for the configuration of packet selection techniques. Furthermore, I will introduce some research activities on sampling technologies for network measurements in Fraunhofer FOKUS.