

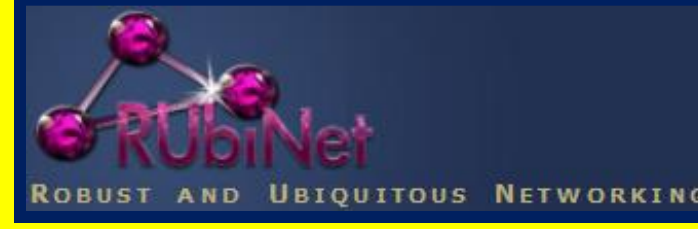


# Intelligent SDN based Traffic (de)Aggregation and Measurement Paradigm (iSTAMP): Implementation (DEMO#1&2)

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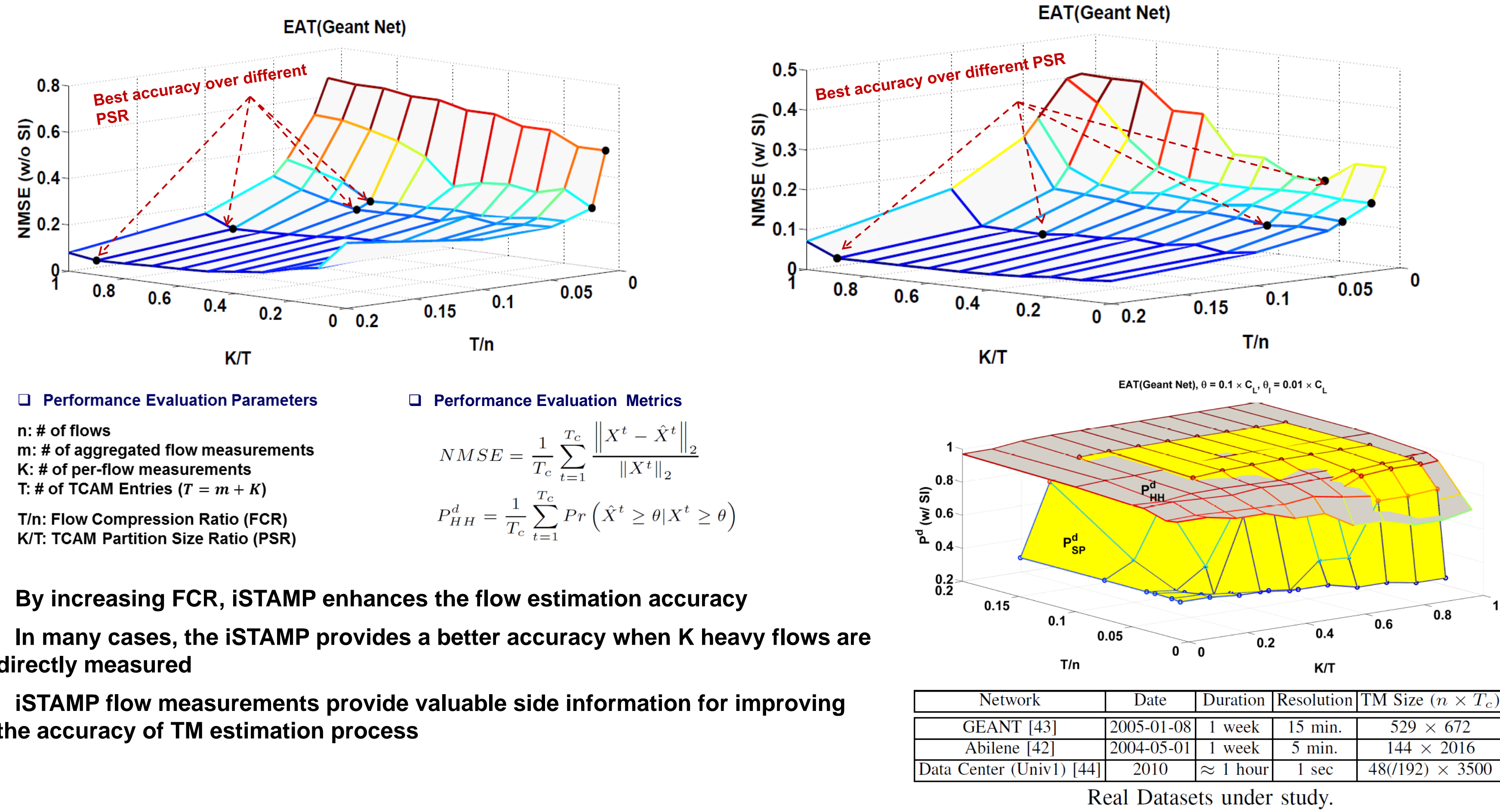


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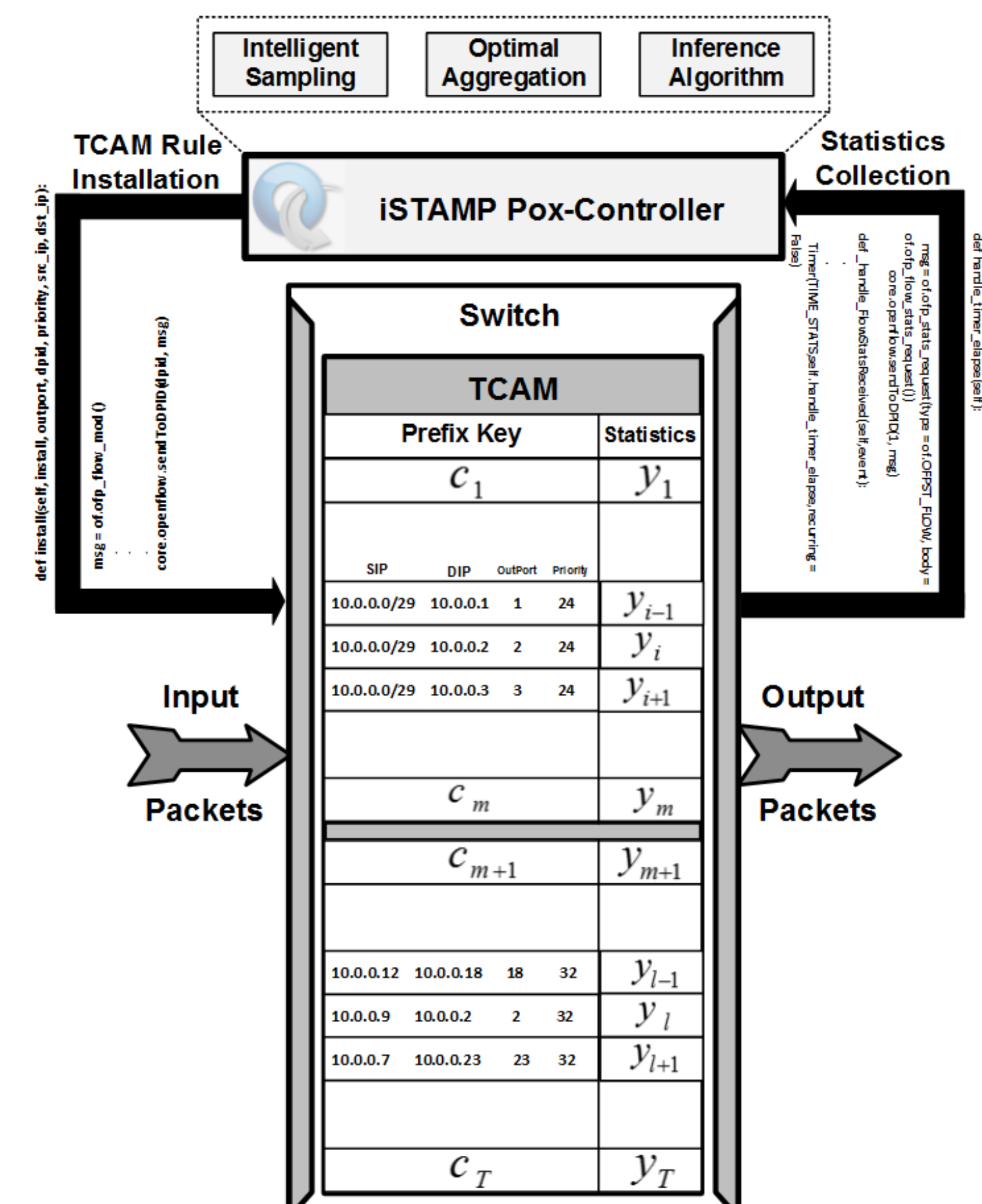
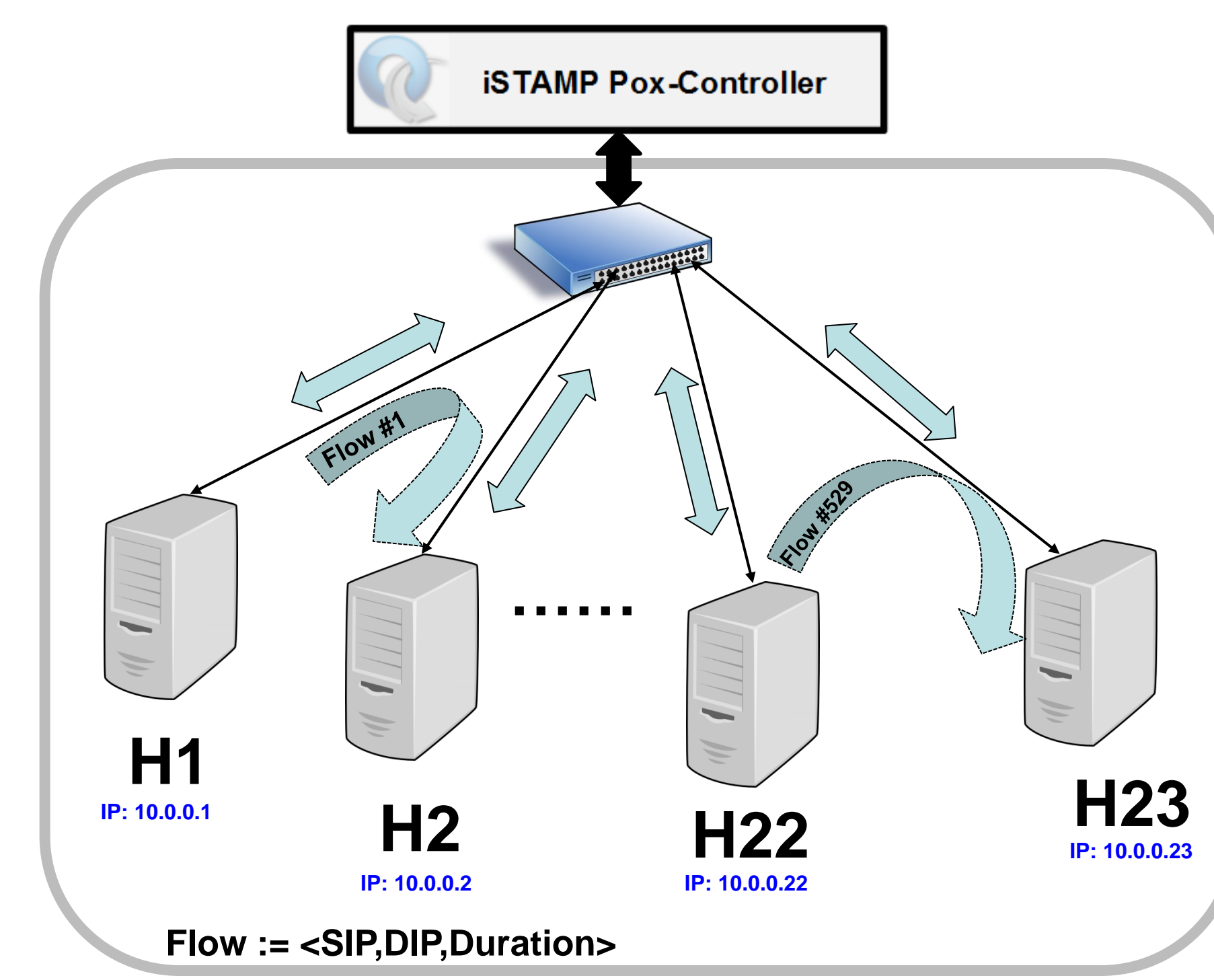
## Simulation Results

The performance of iSTAMP is evaluated using the real traffic traces from different network environments and in different applications



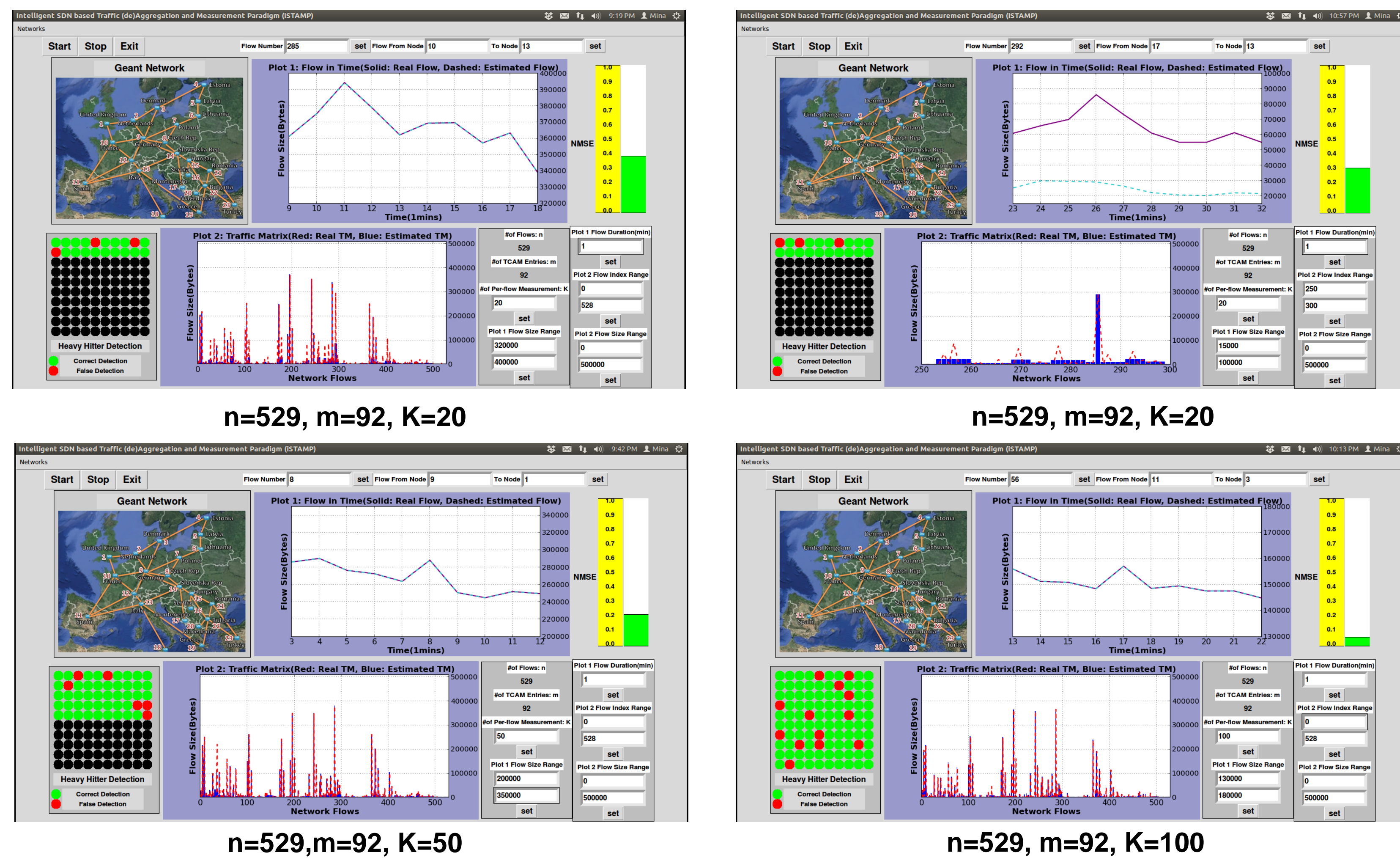
## Centralized Implementations and Demonstrations

Geant network with star topology is considered to demonstrate the performance of iSTAMP, where all 23 nodes are communicating with a central Openflow controller and real traffics of nodes are routed by an SDN switch



## DEMO#1: Mininet Simulation Environment

Centralized implementation of iSTAMP for Geant network in mininet with real traffic trace



## DEMO#2: iSTAMP Controlled Hardware OpenFlow Switch

Centralized implementation of iSTAMP for part of Geant network on HP2920 SDN switch

