

PROJECT / Statistical Characterization of Telecommunications Traffic

SCALE

Main Objective:

The objectives of the project can be stated as:

- 1- To make intensive measurements of telecommunications traffic streams, with emphasis on IP traffic.
- 2- To select models from the existing literature, and eventually propose new ones, based on the most relevant traffic characteristics.
- 3- To apply and develop parameter estimation and diagnostic analysis procedures for the selected models based on the measured telecommunications traffic data
- 4- To evaluate the adequacy of the models with positive diagnostic analysis in the prediction of network performance parameters.

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