

What is Neubot?

- Software running **multiple experiments in the background** of a user's computer
- Uses **Measurement Lab** servers and services
- **Stats: 1,400 active users/day** (50% of which in the USA) & **30,000+ tests/day** during last month
- Estimation of losses at application level (**CCR July '13**)
- Dynamic HTTP streaming performance (**MMSys'14**)
- **Comparison of protocols performance** (ongoing)

What is missing to improve Neubot

- We **miss low-level data** (information on latency and losses during the test, on the available bandwidth, on the packet routes)
- We **miss information on the state of the user's network** (other hosts or applications)
- Do we have **enough users**? If no, how many users do we need per ISP and/or city?
- Is **discrimination always on** for everybody and always active in the first few seconds of a connection? Is **DPI necessarily used**?