Introduction to Networking and Systems Measurements

Handout 1: Introduction

Class assignments and logistics

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General Information

Scope:

- Characterization and modelling of systems and networks using measurements.

Course structure:

- Lectures – 6 hours
- Guided Labs – 10 hours

Assessment:

- Lab writeups (20%) - 8/11/2017 12:00
- Evaluation of an artifact – 5000 words paper (80%) – 29/11/2017 12:00

Schedule

Week	Lecture	Lab
1	Introduction to Performance Measurements	
2	Basic Measurements	Basic Measurements
3	Advanced Measurements	Traffic Capture & Latency
4	Reproducible Experiments	Traffic Generation
5	Measurements Pitfalls	Study of an Artifact
6	Device and System Characterization	Reproducibility

Some logistics for 2017-18

Web page: http://www.cl.cam.ac.uk/teaching/current/L50/

Repository: https://github.com/cucl-srg/L50

Mailing list: *cl-acs-l50-announce@cam.ac.uk*

Grades:

Mphil (ACS) – Pass / Fail - based on a mark out of 100
All others (DTC) – Mark out of 100

Next steps

- Explore the web page and repo

  http://www.cl.cam.ac.uk/teaching/current/L50/

  https://github.com/cucl-srg/L50

- Decide if you still want to take the class - promptly