Scalable, Secure and Efficient Content Distribution and Services

Niklas Carlsson

Linköping University, Sweden

@ Students, March 11, 2015

Background: Research overview

- Design, modeling, and performance evaluation of distributed systems and networks

- Current topics include

  - Scalable content delivery

  - Energy-efficient and sustainable ICT

  - Measurement analysis and modeling

  - Security and emerging services

Examples include …

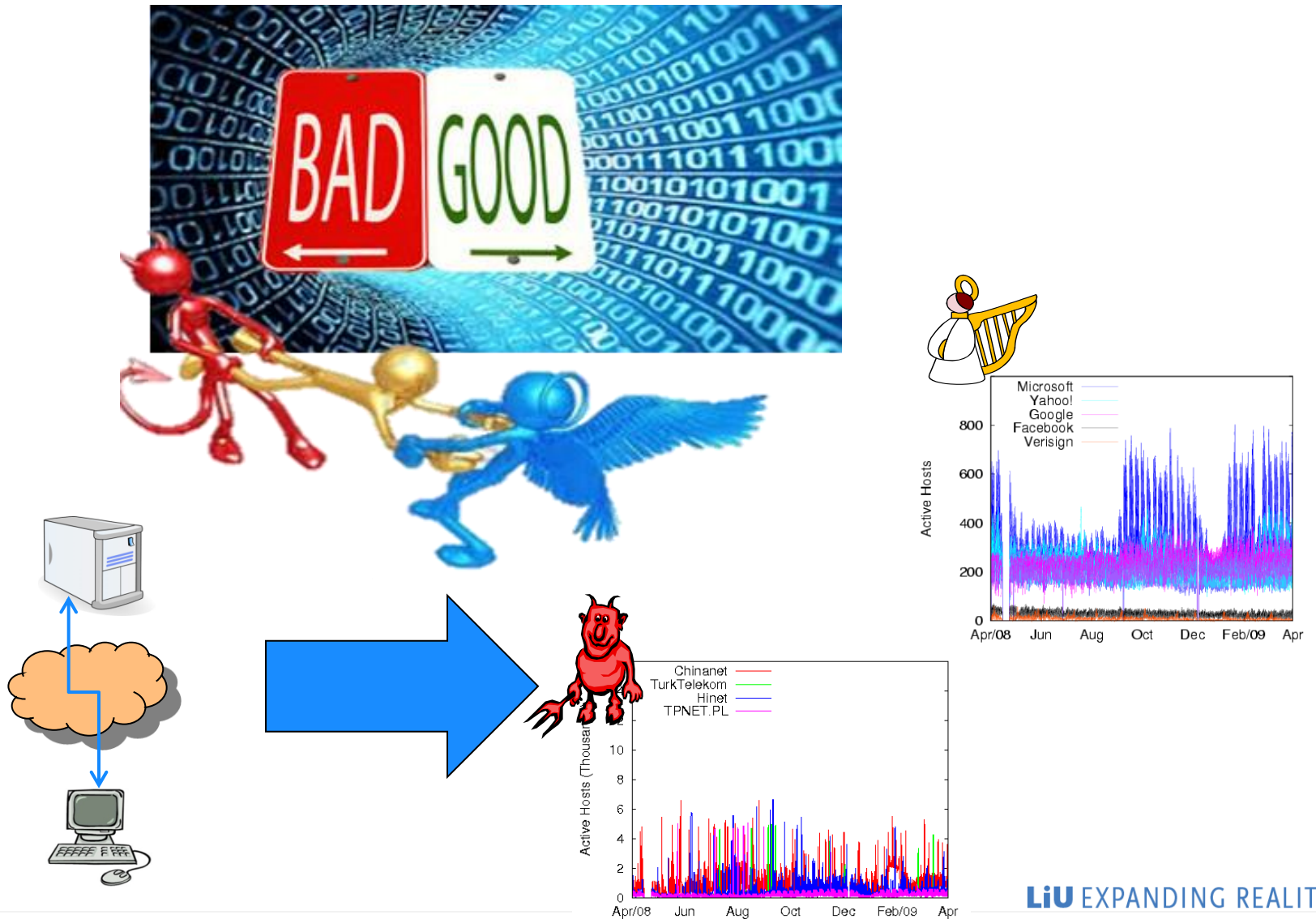LiU EXPANDING REALITY

… Innovative new streaming media …

… cost-efficient content delivery …

Protocols for who should serve who?

Separating the "good" from the "bad" ...

… just to name a few examples.

Many more examples on my website!

A final note …

- I am looking for ambitious/interested students

  - Projects, BSc/MSc thesis, and PhD positions

- Please do not hesitate to contact me if you are interested in one (or more) topic(s) related to

  - Computer networks, distributed systems, security, ...

  - Data mining/analytics/statistics, measurements, analytical modeling, optimization, simulation, implementation or system design

- There are always lots interesting problems!!!

- You can also find out more about my research here: www.ida.liu.se/~nikca/

Thank you!

Niklas Carlsson (niklas.carlsson@liu.se)
Research overview and pubs: www.ida.liu.se/~nikca/