Scalable, Secure and Efficient Content Distribution and Services
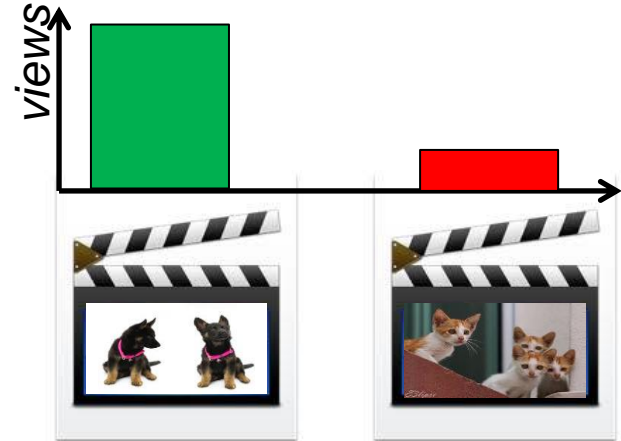
Niklas Carlsson

Linköping University, Sweden

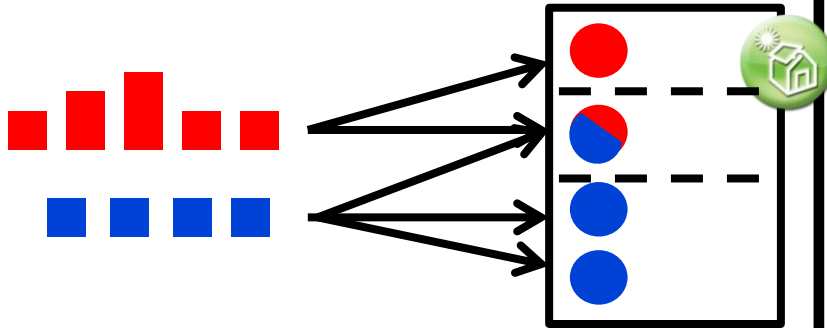@ Students, Oct. 15, 2015

Background: Research overview

Scalable content delivery

Characterization, analytics, modeling

Efficiency and sustainability

Network security

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

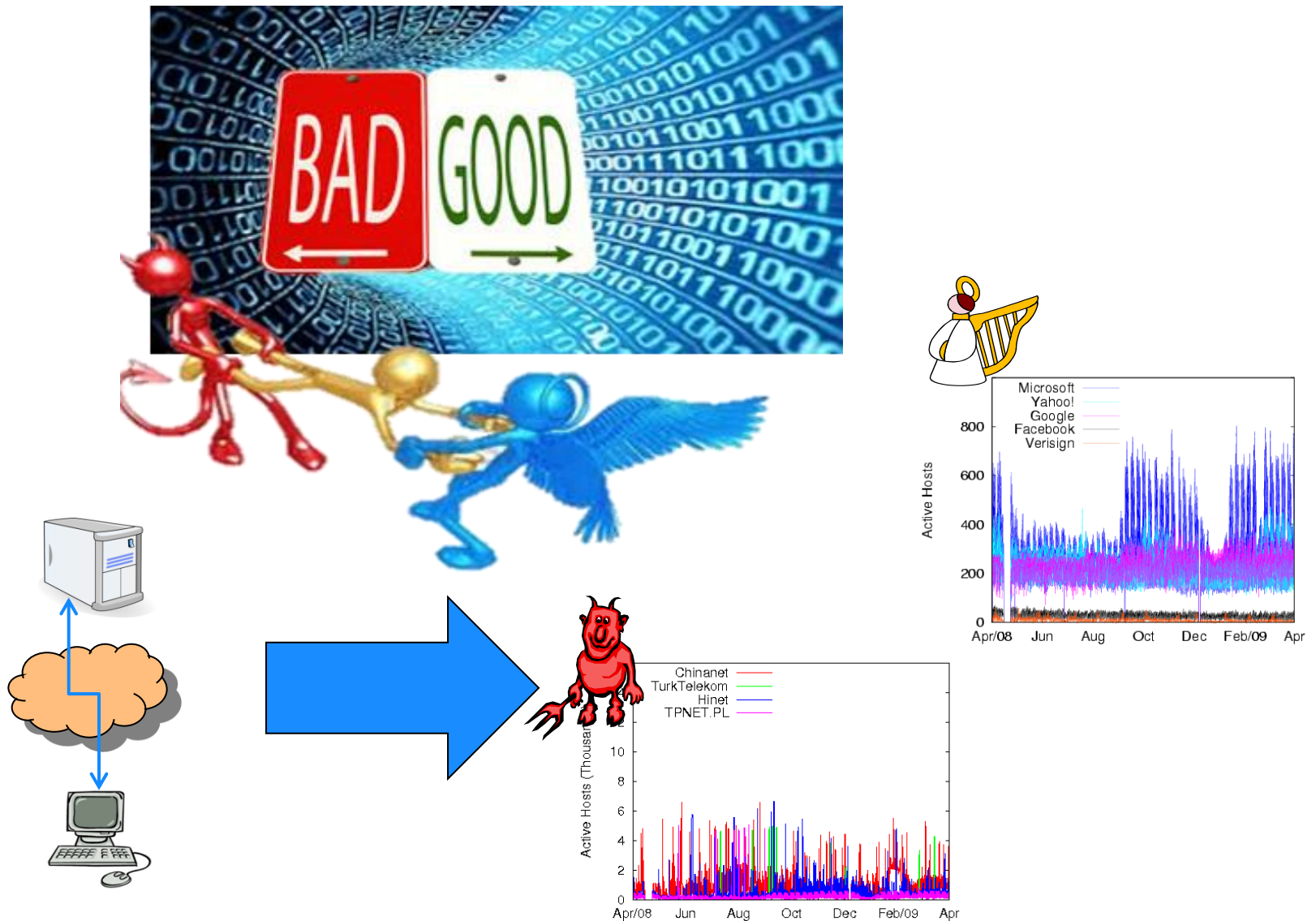# Examples include …

… 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!

Scalable content delivery

Traffic measurements, analysis, and modeling

Efficient and sustainable ICT

Security and emerging services

Scalable content delivery | Characterization and modeling

Efficiency and sustainability | Network security

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