# *Scalable, Secure and Efficient Content Distribution and Services*

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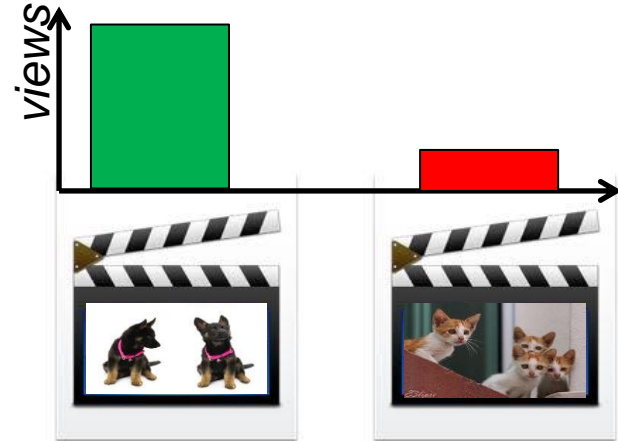
Linköping University, Sweden

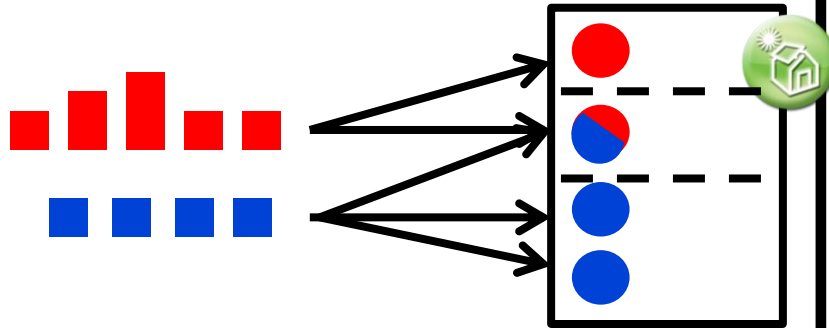@ Students, March 7, 2016

LiU EXPANDING REALITY

# Background: Research overview

Scalable content delivery

Characterization, analytics, modeling

Efficiency and sustainability

Network security

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

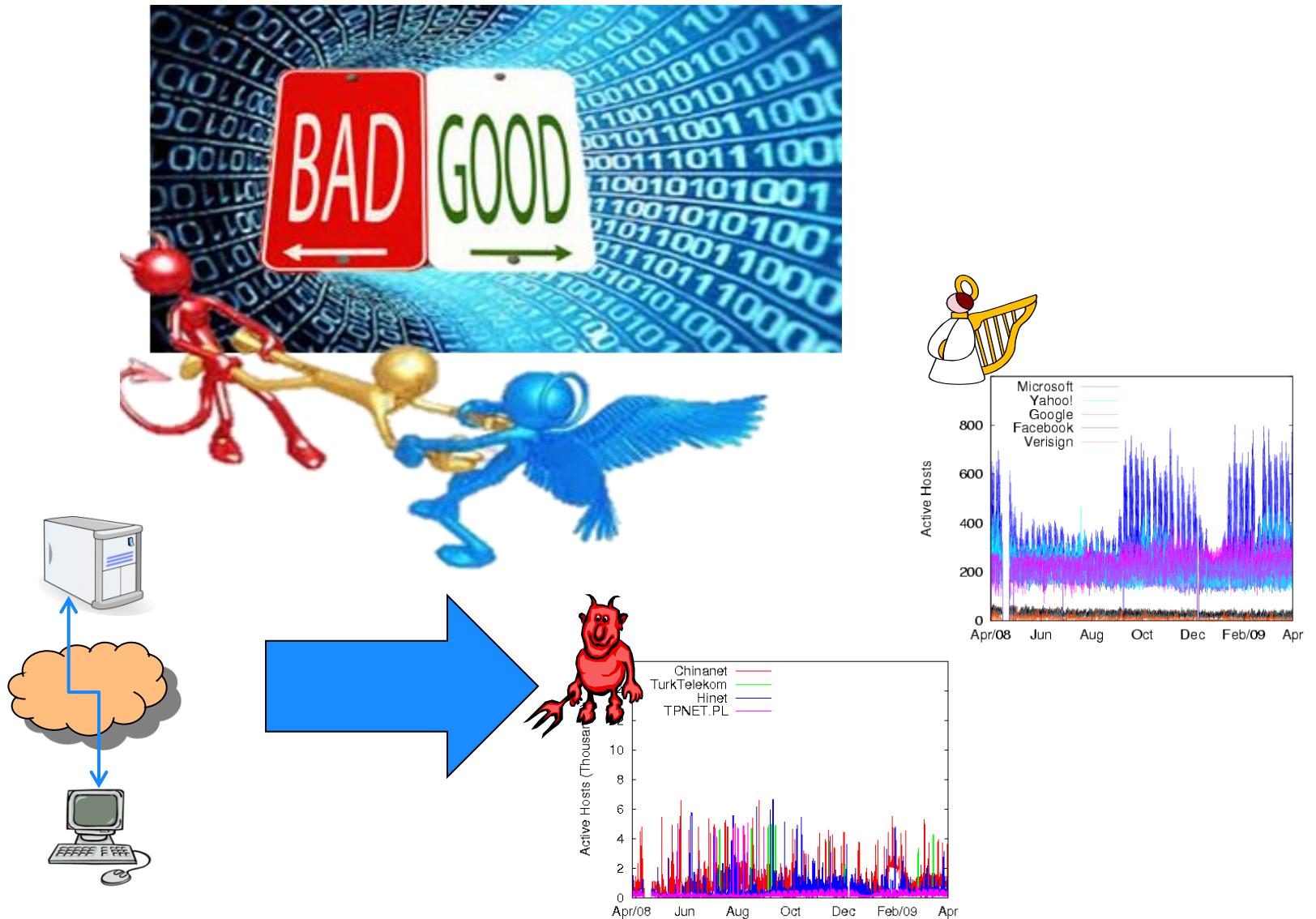# Examples include …

# … 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, streaming, network security, ...

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

- There are always <span style="color:red">lots interesting problems</span>!!!

- 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

BAD GOOD

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UNIVERSITET

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*Research overview and pubs: www.ida.liu.se/~nikca/*