



# ACM SIGCOMM 2014 Capacity Sharing Workshop

Dirk Kutscher Mirja Kühlewind

Aug 18, 2014

http://conferences.sigcomm.org/sigcomm/2014/csws.php







## Wrap-Up



- Queuing and Scheduling
  - Repeatable experiments
    - Provide code (Linux code base is more and more improving)
    - Repeat evaluation in more realistic scenarios
  - Consideration of layer 2 implications for design of AQM algorithms
- Transport Protocols and Mobile Networks
  - Sources of congestion?
  - Interaction with scheduling and video rate adaptation
  - More cross-layer information needed? (app reqs and/or link state)
  - Conveying management information from network to endpoints (e.g., bit rate indications)
  - Application-aware networks?







## **Best Paper Award**



...goes to...

#### **Coupled Congestion Control for RTP Media**

Safiqul Islam, Michael Welzl, Stein Gjessing, Naeem Khademi

to be published in upcoming CCR edition.







### The End



Please send your slides to

Dirk Kutscher <u>Dirk.Kutscher@neclab.eu</u>
Mirja Kühlewind <u>mirja.kuehlewind@ikr.uni-stuttgart.de</u>

Thanks to all authors, TCP members and Dave Täht!

See you next year!



