Publications

Journals:

1. Naeem Khademi, Mohamed Othman, "Size-Based and Direction-Based TCP Fairness Issues in IEEE 802.11 WLANs", EURASIP Journal on Wireless Communications and Networking, volume 2010, Article ID 818190, 16 pages, 2010 (bibtex)


Conferences:

2. Safiqul Islam, Michael Welzl, Stein Gjessing and Naeem Khademi, "Coupled Congestion Control for RTP Media", Capacity Sharing Workshop (CSWS 2014), ACM SIGCOMM, Chicago, USA (Best Paper Award)

(slides, bibtex)


(bibtex)


(bibtex)
5. Grenville Armitage, Naeem Khademi, "Using Delay-Gradient TCP for Multimedia-Friendly 'Background' Transport in Home Networks", IEEE LCN 2013, Sydney, Australia
(bibtex)

6. Naeem Khademi, Michael Welzl and Stein Gjessing, "Experimental Evaluation of TCP Performance in Multi-rate 802.11 WLANs", WoWMoM 2012, San Francisco, United States
(bibtex)

7. Naeem Khademi, Michael Welzl and Renato Lo Cigno, "On the Uplink Performance of TCP in Multi-rate 802.11 WLANs", IFIP/TC6 NETWORKING 2011, Valencia, Spain (acceptance rate: 21.8%)
(bibtex)


Short papers:

1. Naeem Khademi, "AP Buffer Sizing in IEEE 802.11 WLANs", WoWMoM 2012, San Francisco, United States


Technical Reports:


3. Naeem Khademi, Grenville Armitage, "Minimising RTT across homogeneous 802.11 WLANs with CAIA Delay-Gradient TCP (v0.1)", CAIA Technical report 121113A, 13 November 2012, Swinburne University of Technology, Australia (bibtex)


Thesis:


Presentations/Talks:


2. "Update on TCP Alternative Backoff with ECN (ABE)", TCMP WG, IETF 94, Yokohama, Japan, 5 November 2015
3. "TCP Alternative Backoff with ECN (ABE)" , TCPM WG, IETF 93, Prague, Czech Republic, 22 July 2015


6. "AQM Characterization Guidelines Update" , AQM WG, IETF 92, Dallas, Texas, USA

7. "AQM Characterization Guidelines Update" , AQM WG, IETF 91, Honolulu, Hawaii, USA

- An invited presentation was made additionally at the "Middleware Systems Research Group" of University of Toronto


10. "Evaluating CoDel, FQ_CoDel and PIE: how good are they really?", ICCRG, IETF 88, Vancouver, Canada (audio -- from 3:46:40)

11. "Experimental Evaluation of TCP Performance in Multi-rate 802.11 WLANs", WoWMoM 2012, San Francisco, United States

12. "Experimental Evaluation of TCP Performance in Multi-rate 802.11 WLANs" (Trial presentation for WoWMoM'12), Centre for Advanced Internet Architectures (CAIA),
13. "On the Uplink Performance of TCP in Multi-rate 802.11 WLANs", IFIP Networking'11, 10 May 2011, Valencia, Spain

14. "On the Performance of High Speed TCP Flavours in Multi-rate 802.11 WLANs", KAUMesh, Karlstad University, 8 November 2010, Karlstad, Sweden


IETF Activities (drafts):

2. N. Khademi, M. Welzl, G. Armitage and G. Fairhurst, "TCP Alternative Backoff with ECN (ABE)", Internet Draft
draft-khademi-alternativebackoff-ecn, 30 June 2015 (IRTF/ICCRG page,
patches/TR)

draft-welzl-taps-transports, 21 September 2015