

Request to use PingER data, Aug 2011

>> Hi Les,
>>
>> This is about your presentation titled "PingER End to End Internet
>> measurements: what we learn" from March 7 2011 and some other talks
>> that are posted online. In this presentation you talked about the
>> need for minimum RTT based route change detection.
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>> I completed my Ph.D. in 2007 from University of Kansas and my main
>> contribution was algorithms for minimum RTT based route change
>> detection. We have proposed a Heuristic Algorithm (Ref [1](#)), a model
>> based (Gamma RTT distribution) realizable algorithm (Ref [2](#)) and a
>> model based ideal detector (Ref [2](#)).
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>> I am interested in making these algorithms more accesible (C/C++
>> code,
>> etc.) and in applying them to SLAC data. I just wanted to check with
>> you or your team is interested in these algorithms and if I could
>> talk to someone to better understand specific requirements of SLAC.
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>> Thanks and Best Regards,
>> Soshant Bali
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>> References:-
>> [1](#). Soshant Bali, Yasong Jin, Tyrone Duncan and Victor Frost,
>> "Characterizing user-perceived impairment events using end-to-end
>> measurements," International Journal of Communications Systems, Vol.
>> 18, No. 10, December 2005
>> [2](#). Soshant Bali, "Detection and Mitigation of Impairments for
>> Real-Time Multimedia Applications," Ph.D. dissertation, The
>> University of Kansas, December 2007