Chadi Barakat
List of publications

Edited Journals and Books, Book Chapters, Editorials


Refereed Journal papers


Refereed Conference/Workshop papers


Luigi Vigneri, Thrasyvoulos Spyropoulos, Chadi Barakat, "A Two-Step Chunk-Based Algorithm for Offloading Streaming Traffic through a Vehicular Cloud", in proceedings of the IEEE 19th International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Greece, June 2018.


Luigi Vigneri, Salvatore Pecoraro, Thrasyvoulos Spyropoulos, Chadi Barakat, "Per-Chunk Caching for Video Streaming from a Vehicular Cloud", in proceedings of ACM MobiCom Workshop on Challenged Networks (CHANTS), Utah, USA, October 2017.
Muhammad Jawad Khokhar, Nawfal Abbasi Saber, Thierry Spetebroot, Chadi Barakat, "On active sampling of controlled experiments for QoE modeling”, in proceedings of ACM SIGCOMM Workshop on QoE-based Analysis and Management of Data Communication Networks (Internet-QoE), Los Angeles, August 2017.

Luigi Vigneri, Thrasyvoulos Spyropoulos, Chadi Barakat, "Streaming Content from a Vehicular Cloud”, in proceedings of ACM MobiCom Workshop on Challenged Networks (CHANTS), New York, October 2016.


Thierry Spetebroot, Salim Afra, Nicolas Aguilera, Damien Saucez, Chadi Barakat, "From network-level measurements to expected Quality of Experience: the Skype use case”, in proceedings of the IEEE International Workshop on Measurement and Networking (M&N), Coimbra, Portugal, October 2015.


Damien Saucez, Ilaria Cianci, Luigi Alfredo Grieco, Chadi Barakat, "When AIMD meets ICN: a bandwidth sharing perspective”, in proceedings of IFIP Networking, Norway, June 2014.


Damien Saucez, Luigi Alfredo Grieco, Chadi Barakat, "AIMD and CCN: past and novel acronyms working together in the Future Internet”, in proceedings of ACM CoNEXT Capacity Sharing Workshop, Nice, December 2012.

Mohamad Jaber, Roberto Cascella, Chadi Barakat, "Using host profiling to refine statistical application identification”, in proceedings of IEEE INFOCOM Mini-Conference, Orlando, FL, March 2012.

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[59] Mohamad Jaber, Roberto Cascella, Chadi Barakat, "Can we trust the inter-packet time for traffic classification?", in proceedings of IEEE International Conference on Communications (ICC), Kyoto, Japan, June 2011.


[62] Roberto Cascella, Chadi Barakat, "Estimating the access link quality by active measurements", in proceedings of the 22nd International Teletraffic Congress (ITC 22), Amsterdam, Netherlands, September 2010.


[88] Imad Aad, Qiang Ni, Chadi Barakat, Thierry Turletti, "Enhancing IEEE 802.11 MAC in Congested Environments", in proceedings of the Applications and Services in Wireless Networks workshop (AWSN), Boston, August 2004.


[114] Chadi Barakat, Eitan Altman, "On ACK Filtering on a Slow Reverse Channel", in proceedings of the first international workshop on Quality of future Internet services, Berlin, Germany, September 2000. Best PhD Student Paper.

[115] Chadi Barakat, Eitan Altman, "A Markovian Model for TCP Analysis in a Differentiated Services Network", in proceedings of the first international workshop on Quality of future Internet services, Berlin, Germany, September 2000.


Extended Abstracts, Posters, Demos and Invited Papers


Thesis


Patents