Chadi Barakat
List of publications

Edited Journals and Books, Book Chapters, Editorials


Refereed Journal papers


Refereed Conference/Workshop papers


[34] 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.


[36] 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.


[50] Amir Krifa, Chadi Barakat, Thrasyvoulos Spyropoulos, "MobiTrade: Trading Content in Disruption Tolerant Networks", in proceedings of ACM Mobicom Workshop on Challenged Networks (CHANTS), Las Vegas, September 2011.


[53] 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.


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


[61] Karim SBAI, Chadi Barakat, "Revisiting content sharing in wireless ad hoc networks", in proceedings of the fourth workshop on self-organizing systems (IWSOS), Zurich, December 2009.


Gion Reto Cantieni, Gianluca Iannaccone, Chadi Barakat, Christophe Diot, Patrick Thiran, "Reformulating the monitor placement problem: Optimal Network-wide Sampling", in proceedings of CoNext, Lisboa, Portugal, December 2006.

Marc Liberatore, Brian Levine, Chadi Barakat, "Maximizing Transfer Opportunities in DTN", in proceedings of CoNext, Lisboa, Portugal, December 2006.


Chadi Barakat, Gianluca Iannaccone, Christophe Diot, "Ranking flows from sampled traffic", in proceedings of CoNEXT, Toulouse, October 2005.


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.


Fatma Louati, Chadi Barakat, Walid Dabbous, "Adaptive Class-based Queuing for handling Two-Way traffic in Asymmetric Networks", in proceedings of the conference on High Speed Networks and Multimedia Communications (HSNMC), Toulouse, France, July 2004.


Chadi Barakat, Patrick Thiran, Gianluca Iannaccone, Christophe Diot, Philippe Owezarski, "A flow-based model for Internet backbone traffic", in proceedings of ACM SIGCOMM Internet Measurement Workshop, Marseille, France, November 2002.


Kostya Avrachenkov, Urtzi Ayesta, Eitan Altman, Philippe Nain, Chadi Barakat, "The effect of router buffer size on the TCP performance", in proceedings of LONIIS workshop on Telecommunication Networks and Teletraffic Theory, St. Petersburg, Russia, January 2002.


[108] 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.

[109] 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


[121] Mohamad Jaber, Roberto Cascella, Chadi Barakat, "Boosting statistical application identification by flow correlation", in proceedings of EuroNF-TCCFI (International Workshop on Traffic and Congestion Control for the Future Internet), Greece, April 2011.


Thesis


**Patents**