Chadi Barakat
List of publications

Edited Journals and Books, Book Chapters, Editorials


Refereed Journal papers


Refereed Conference/Workshop papers


[36] 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.


[38] 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.


[52] 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.


[55] 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] Imed Lassoued, Amir Krifa, Chadi Barakat, Konstantin Avrachenkov, "Network-wide monitoring through self-configuring adaptive system", in proceedings of IEEE INFOCOM, Shanghai, China, April 2011.


[58] 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.


Amir Krifa, Chadi Barakat, Thrasyvoulos Spyropoulos, "Optimal Buffer Management Policies for Delay Tolerant Networks", in proceedings of the 5th IEEE Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON 2008), San Francisco, June 2008. **Best Paper**.


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.


[110] 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.

[111] 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


[120] Chadi Barakat, Anshuman Kalla, Damien Saucez, Thierry Turletti, "Minimizing Bandwidth on Peering Links with Deflection in Named Data Networking", invited to the International Conference on Communications and Information Technology (ICCIT), Beirut, June 2013.


**Thesis**


**Patents**