

Chadi Barakat

List of publications

Edited Journals and Books, Book Chapters, Editorials

- [1] Chadi Barakat, Cristel Pelsser, Theophilus A. Benson, David Choffnes (Eds.), Proceedings of the 22nd ACM Internet Measurement Conference, IMC'22, October 25-27, 2022, Nice, France. ACM 2022, ISBN 978-1-4503-9259-4.
- [2] Chadi Barakat, Renata Teixeira, K. K. Ramakrishnan, Patrick Thiran (Eds.), Proceedings of the 2012 Conference on emerging Networking Experiments and Technologies, CoNEXT'12, December 10-13, 2012, Nice, France. ACM 2012, ISBN 978-1-4503-1775-7.
- [3] Eitan Altman, Konstantin Avrachenkov, Chadi Barakat, Kartikeya Chandrayana, "A Multilevel Approach for the Modelling of Large TCP/IP Networks", Chapter 4 in "Recent Advances in Modeling and Simulation Tools for Communication Networks and Services" published by Springer, September 2007.
- [4] Chadi Barakat, Gianluca Iannaccone, Jim Kurose, Darryl Veitch, "Sampling the Internet: techniques and applications", IEEE Journal of Selected Areas in Communications, vol. 24, no. 12, December 2006.
- [5] Chadi Barakat, "Evaluation des performances des réseaux WIFI 802.11", Techniques de l'Ingénieur, Lettre réseaux sans fil, Numéro Novembre-Décembre 2006.
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- [7] Bernard Tamba Sandouno, Yamen Alsaba, Chadi Barakat, Walid Dabbous, Thierry Turlatti, "A novel approach for ray tracing optimization in wireless communication", in Elsevier Computer Communications Journal, vol. 209, pp. 309-319, September 2023.
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- [10] Tingting Yuan, Christian Esteve Rothenberg, Katia Obraczka, Chadi Barakat, Thierry Turlatti, "Harnessing UAVs for Fair 5G Bandwidth Allocation in Vehicular Communication via Deep Reinforcement Learning", in IEEE Transactions on Network and Service Management, vol. 18, no. 4, pp. 4063 - 4074, December 2021.
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- [13] Othmane Belmoukadam, Muhammad Jawad Khokhar, Chadi Barakat, "On Accounting for Screen Resolution in Adaptive Video Streaming: a QoE driven bandwidth sharing framework", in *Wiley International Journal of Network Management*, vol. 31, no. 1, pp. e2128, January 2021.
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- [49] Othmane Belmoukadam, Chadi Barakat, "QoE-Driven Cache Placement for Adaptive Video Streaming: Minding the Viewport", in proceedings of the IEEE International Mediterranean Conference on Communications and Networking (MeditCom), Athens, Greece, September 2021.
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- [51] Giulio Grassi, Renata Teixeira, Chadi Barakat, Mark Crovella, "Leveraging Website Popularity Differences to Identify Performance Anomalies", in proceedings of IEEE INFOCOM, May 2021.
- [52] Othmane Belmoukadam, Chadi Barakat, "From Encrypted Video Traces to Viewport Classification", in proceedings of the 16th International Conference on Network and Service Management (CNSM), Virtual Conference, November 2020. **Best paper.**

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