



Staff Profiles

Dr Marinho Barcellos



Senior Lecturer (Computer Science)

Qualifications: BSc(Hons) MSc UFRGS PhD Newcastle Univ

Personal Website: <https://marinho-barcellos.github.io/>

About Marinho

In October 2019 I joined the School of Computer and Mathematical Sciences at University of Waikato as a Senior Lecturer. Between 2010 and 2019 I worked as an Associate Professor at INF/UFRGS, and prior to that, at Unisinos (1993-2008) and PUC-RS (2008-2009), all in Brazil. I was a holder of a distinguished researcher CNPq grant (Level 1D).

As for public service, I am currently a member of the ACM SIGCOMM executive committee (helping with diversity and outreach), a co-chair of its CARES committee (against harassment), and a member of ACM CoNEXT steering committee. In 2019 I helped with ACM LANCOMM (general co-chair), PAM (program co-chair) and ACM CoNEXT (publications co-chair).

I am fortunate to have supervised many bright students. Contact me if you are interested, but get informed about funding and, to be sure I am a good fit for you, please **first** read my recent papers and be ready to talk about the ones that interested you.

Papers Taught

- COMPX101
- COMPX318
- COMPX374
- COMPX515

Research Supervised

See here.

Research Interests

My research interests include:

- Internet measurements
- Network security
- Programmable data planes

Find my publications here.

Recent Publications

- Müller, L., Luckie, M., Huffaker, B., claffy, K., & Barcellos, M. (2020). Spoofed traffic inference at IXPs: Challenges, methods and analysis. *Computer Networks*, 182, 107452. doi:10.1016/j.comnet.2020.107452
- Marcos, P., Chiesa, M., Dietzel, C., Canini, M., & Barcellos, M. (2020). A survey on the current internet interconnection practices. *Computer Communication Review*, 50(1), 10-17. doi:10.1145/3390251.3390254
- Neves, M., Huffaker, B., Levchenko, K., & Barcellos, M. (2019). Dynamic property enforcement in programmable data planes. In *2019 IFIP Networking Conference (IFIP Networking)* (pp. 1-9). Warsaw, Poland: IEEE. doi:10.23919/ifipnetworking.2019.8816830
- Müller, L., Luckie, M., Huffaker, B., Claffy, K., & Barcellos, M. (2019). Challenges in inferring spoofed traffic at IXPs. In *Proc 15th International Conference on Emerging Networking Experiments And Technologies (CoNEXT '19)* (pp. 96-109). Orlando, Florida: ACM Press. doi:10.1145/3359989.3365422

Find more research publications by Marinho Barcellos

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