

# Renato Lo Cigno | 2014

Dept. of Computer Science and Information Engineering (DISI) — University of Trento

Via Sommarive 9, Povo, 38123, Trento, Italy

☎ +39 0461 282026 • ✉ renato.locigno@unitn.it

🌐 [disi.unitn.it/locigno](http://disi.unitn.it/locigno)

## Scientific production

### Articles published in 2014

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- [1] Michele Segata, Stefan Joerer, Bastian Bloessl, Christoph Sommer, Falko Dressler, and Renato Lo Cigno. PLEXE: A Platooning Extension for Veins. In *6th IEEE Vehicular Networking Conference (VNC 2014)*, pages 53–60, Paderborn, Germany, December 2014. IEEE.
- [2] Christoph Sommer, Stefan Joerer, Michele Segata, Ozan K. Tonguz, Renato Lo Cigno, and Falko Dressler. How Shadowing Hurts Vehicular Communications and How Dynamic Beaconing Can Help. *IEEE Transactions on Mobile Computing*, PP:(99), pages:1–12. Available on-line September 2014.
- [3] Luca Baldesi, Leonardo Maccari, and Renato Lo Cigno. Improving P2P Streaming in Community-Lab Through Local Strategies. In *10th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications*, pages 33–39, Larnaca, Cyprus, October 2014.
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- [5] Stefan Joerer, Bastian Bloessl, Michele Segata, Christoph Sommer, Renato Lo Cigno, and Falko Dressler. Fairness Kills Safety: A Comparative Study for Intersection Assistance Applications. In *25th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2014)*, pages 1442–1447, Washington, D.C., US, September 2014.
- [6] Renato Lo Cigno and Leonardo Maccari. Urban Wireless Community Networks: Challenges and Solutions for Smart City Communications. In *ACM International Workshop on Wireless and Mobile Technologies for Smart Cities (WiMobCity '14), part of MobiHoc 2014*, pages 49–54, Philadelphia, PA, US, August 11-14 2014.
- [7] Leonardo Maccari and Renato Lo Cigno. A week in the life of three large wireless community networks. *Ad Hoc Networks, Elsevier*, 24, Part B:175–190, Jan. 2015. Available on-line 7 August 2014.
- [8] Domenico Siracusa, Federico Pederzoli, Elio Salvadori, Renato Lo Cigno, and Idelfonso Tafur Monroy. Proactive restoration of slow-failures in optical networks. In *16th International Conference on Transparent Optical Networks (ICTON)*, pages 1–4, Graz, Austria, July 6-10 2014.

- [9] Luca Baldesi, Leonardo Maccari, and Renato Lo Cigno. Live P2P streaming in CommunityLab: Experience and Insights. In *13th IEEE Annual Mediterranean Ad Hoc Networking Workshop (MED-HOC-NET)*, pages 23–30, Piran, Slovenia, June 2014.
- [10] Stefan Joerer, Michele Segata, Bastian Bloessl, Renato Lo Cigno, Christoph Sommer, and Falko Dressler. A Vehicular Networking Perspective on Estimating Vehicle Collision Probability at Intersections. *IEEE Transactions on Vehicular Technology*, 63(4):1802–1812, May 2014.
- [11] Leonardo Maccari and Renato Lo Cigno. Betweenness estimation in OLSR-based multi-hop networks for distributed filtering. *Journal of Computer and System Sciences*, 80(3):670–685, May 2014.
- [12] Michele Segata, Bastian Bloessl, Stefan Joerer, Falko Dressler, and Renato Lo Cigno. Supporting platooning maneuvers through IVC: An initial protocol analysis for the JOIN maneuver. In *11th IEEE/IFIP Conference on Wireless On-demand Network Systems and Services (WONS)*, pages 130–137, Obergurgl, Austria, April 2014.
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- [15] Alexandre Kandalintsev, Renato Lo Cigno, Dzmitry Kliazovich, and Pascal Bouvry. Profiling Cloud Applications with Hardware Performance Counters. In *KIISE/IEEE 28th International Conference on Information Networking*, pages 52–57, Phuket, Thailand, February 2014.