

# Stevens Le Blond

EPFL IC IINFCOM DEDIS  
BC 268 (Bâtiment BC)  
Station 14  
CH-1015 Lausanne  
Switzerland

Email: [stevens.leblond@epfl.ch](mailto:stevens.leblond@epfl.ch)  
<https://people.epfl.ch/stevens.leblond>

## Academic Appointments

- **Ecole Polytechnique Fédérale de Lausanne (EPFL)**  
Research Scientist, 2017-present
- **Max Planck Institute for Software Systems (MPI-SWS)**  
Research Scientist, 2015-2017
- **MPI-SWS**  
Postdoctoral Researcher, 2011-2015  
Mentor: Paul Francis
- **New York University (NYU)**  
Visiting Researcher, 2010  
Mentor: Keith Ross
- **INRIA, Sophia Antipolis**  
Ph.D., 2007-2011  
Advisors: Walid Dabbous and Arnaud Legout
- **Vrije Universiteit, Amsterdam**  
M.Sc., 2004-2007  
Advisor: Maarten van Steen

## Invited Talks

- 2014: *The Slingshot Project: Measuring, Analyzing, and Defending Against Targeted Attacks*. Google, MSR Redmond, UC Berkeley, UC Santa Barbara, UC San Diego, Univ. of Washington
- 2013: *Towards Efficient Traffic Analysis Resistant Anonymity Networks*. MSR Cambridge, National Univ. of Singapore, NYU, Northeastern Univ., Univ. of Toronto
- 2011: *I Know Where You Are and What You Are Sharing*. MPI-SWS, Northeastern Univ.

## Publications

### Referred Conference Papers

- Brown Farinholt, Mohammad Rezaeirad, Paul Pearce, Hitesh Dharamdasani, Haikuo Yin, **Stevens Le Blond**, Damon McCoy, Kirill Levchenko. To Catch a Ratter: Monitoring the Behavior of DarkComet RAT Operators in the Wild. In Proc. of *Oakland*, 2017, San Jose, CA. (13%)
- **Stevens Le Blond**, Cédric Gilbert, Utkarsh Upadhyay, Manuel Gomez Rodriguez, David Choffnes. A Broad View of the Ecosystem of Socially Engineered Exploit Documents. In Proc. of *NDSS*, 2017, San Diego, CA. (16%)
- **Stevens Le Blond**, David Choffnes, William Caldwell, Peter Druschel, Nick Merritt. Herd: A Scalable Traffic Analysis Resistant Anonymity Network for VoIP Systems. In Proc. of *ACM SIGCOMM*, 2015, London, UK. (15%)
- **Stevens Le Blond**, Adina Uritesc, Cédric Gilbert, Zheng Leong Chua, Prateek Saxena, Engin Kirda. A Look at Targeted Attacks Through the Lense of an NGO. In Proc. of *Usenix Security*, 2014, San Diego, CA. (19%)
- **Stevens Le Blond**, David Choffnes, Wenxuan Zhou, Peter Druschel, Hitesh Ballani, Paul Francis. Towards Efficient Traffic Analysis Resistant Anonymity Networks. In Proc. of *ACM SIGCOMM*, 2013, Hong Kong. (15%)
- **Stevens Le Blond**, Chao Zhang, Arnaud Legout, Keith Ross, Walid Dabbous. I Know Where you Are and What You Are Sharing: Exploiting P2P Communications to Invade Users' Privacy. In Proc. of *ACM/Usenix IMC*, 2011, Berlin. (19%)
- Stevens Le Blond, Fabrice Le Fessant, Erwan Le Merrer. Finding Good Partners in Availability-aware P2P Systems. In Proc. of the *11th International Symposium on Stabilization, Safety, and Security of Distributed Systems (SSS)*, 2009, Lyon, France.

### Referred Workshop Papers

- **Stevens Le Blond**, Pere Manils, Abdelberi Chaabane, Mohamed Ali Kaafar, Claude Castelluccia, Arnaud Legout, Walid Dabbous. One Bad Apple Spoils the Bunch: Exploiting P2P Applications to Trace and Profile Tor Users. In Proc. of the *4th USENIX Workshop on Large-Scale Exploits and Emergent Threats (LEET)*, 2011, Boston, MA.
- **Stevens Le Blond**, Arnaud Legout, Fabrice Le Fessant, Walid Dabbous, Mohamed Ali Kaafar. Spying the World from your Laptop: Identifying Content Providers and Big Downloaders in BitTorrent. In Proc. of the *3rd USENIX Workshop on Large-Scale Exploits and Emergent Threats (LEET)*, 2010, San Jose, CA.
- Stevens Le Blond, Ana-Maria Oprescu, Chen Zhang. Early Application Experience with the Grid Application Toolkit (GAT). In Proc. of the *14th Global Grid Forum (GGF14)*, 2005, Chicago, IL.

- **Stevens Le Blond**, Jean-Loup Guillaume, Matthieu Latapy *Clustering in P2P Exchanges and Consequences on Performances*. In Proc. of the *4th Annual International Workshop on Peer-To-Peer Systems (IPTPS)*, 2005, Cornell University, Ithaca. **(19%)**
- Matthieu Latapy, Jean-Loup Guillaume, **Stevens Le Blond**. Statistical Analysis of a P2P Query Graph Based on Degrees and their Time-Evolution. In Proc. of the *6th International Workshop on Distributed Computing (IWDC)* 2004, Kolkata, India.

### Referred Journal Papers

- **Stevens Le Blond**, Arnaud Legout, Walid Dabbous. Pushing BitTorrent Locality to the Limit. In *Computer Networks*, Volume 55, Issue 3, Page 541-557, 2011.
- Stevens Le Blond, Fabrice Le Fessant, Erwan Le Merrer. Choosing Partners Based on Availability in P2P Networks. In *ACM Transactions on Autonomous and Adaptive Systems*, 2011.

### Book Chapters

- Fabrice Le Fessant and **Stevens Le Blond**. *Une Application des Protocoles Epidemiques: La Sélection de Partenaires Suivant leur Disponibilité*. Evolution des Technologies Peer-to-peer, Hermès, 2011.

## Professional Service

- 2014: SIGCOMM Poster and Demo
- 2012: P2P, HotPOST
- 2011: External reviewer P2P
- 2010: External reviewer Europar, P2P

## References

- Bryan Ford, Associate Professor, *EPFL*: bryan.ford@epfl.ch
- Paul Francis, Research Director, *MPI-SWS*: francis@mpi-sws.org
- Engin Kirda, Professor, *Northeastern Univ.*: ek@ccs.neu.edu
- Keith Ross, Professor, *NYU*: keithwross@nyu.edu