



# Gianluca Stringhini

---

*PhD Candidate in Computer Science at UC Santa Barbara*

---

## Education

- 2009-2014 **PhD in Computer Science**, *UC Santa Barbara*, Santa Barbara, California.  
(planned) Focus on System and Network Security
- 2006-2009 **Università degli Studi di Genova**, *Laurea Specialistica in Computer Engineering (M.S. equivalent)*, Genova, Italy.  
Thesis title: "A Distributed System for Intrusion Prevention"
- 2003-2006 **Università degli Studi di Genova**, *Laurea Triennale in Computer Engineering (B.S. equivalent)*, Genova, Italy.  
Thesis title: "Computer Security in a Linux System" (in Italian)
- 1998-2003 **Liceo Classico A. D'Oria**, *High School*, Genova, Italy.  
Focus on humanities

---

## Teaching Experience

- 2011 **Teaching Assistant**, *UC Santa Barbara*, Santa Barbara, CA.  
Teaching assistant for the "Host-based Security and Malware" class
- 2008 **Teaching Assistant**, *Università degli Studi di Genova*, Genova, Italy.  
Lead lab sessions for the "Advanced Software Architectures" class
- 2008 **Workshop Instructor**, *Università degli Studi di Genova*, Genova, Italy.  
Tought an "Introduction to Python" two-day workshop
- 2007 **Workshop Instructor**, *Università degli Studi di Genova*, Genova, Italy.  
Tought an "Introduction to GNU/Linux" two-day workshop

---

## Academic Experience

- 2012 **Reviewer**, *The Elsevier Journal on Computer Networks (COMNET)*.
- 2010-2011 **Program Committee Member**, *The Graduate Student Workshop on Computing (GSWC)*.
- 2011 **External Reviewer**, *The 32nd IEEE Symposium on Security and Privacy*.
- 2011 **External Reviewer**, *The 1st Syssec Workshop*.
- 2010 **External Reviewer**, *The 18th Network and Distributed Systems Symposium (NDSS)*.
- 2010 **External Reviewer**, *The 13th Symposium on Recent Advances in Intrusion Detection (RAID)*.

---

## Work Experience

- 2009-Present **Research Assistant**, *UC Santa Barbara*, Santa Barbara, CA.  
Working at the Computer Security Lab

*Department of Computer Science – University of California, Santa Barbara,  
Santa Barbara, CA, 93106*

✉ [gianluca@cs.ucsb.edu](mailto:gianluca@cs.ucsb.edu)

- 2011 **Graduate Student Representative**, *UC Santa Barbara*, Santa Barbara, CA.  
Member of the Graduate Student Association Assembly for the Department of Computer Science
- 2008 **Junior Specialist**, *UC Santa Barbara*, Santa Barbara, CA.  
Worked on a project on Social Network Security
- 2007-2009 **Student Representative**, *Università degli Studi di Genova (Openlab)*, Genova, Italy.  
Student Member of the Computer Engineering Department Council
- 2006-2009 **Network Administrator**, *Università degli Studi di Genova (Openlab)*, Genova, Italy.

---

## Awards

- 2010 **Best Student Paper Award**, *Annual Computer Security Applications Conference (ACSAC)*.  
Award for the paper "Detecting Spammers on Social Networks"

---

## Selected Talks

- 12/22/2011 **The Spammer, the Botmaster, and the Researcher: on the Arms Race in Spamming Botnet Mitigation**, *Università degli Studi di Genova*, Genova, Italy.
- 12/05/2011 **The Spammer, the Botmaster, and the Researcher: on the Arms Race in Spamming Botnet Mitigation**, *UC Santa Barbara*, Major Area Exam.
- 08/12/2011 **BotMagnifier: Locating Spambots on the Internet**, *Usenix Security Symposium*, San Francisco, CA.
- 12/08/2010 **Detecting Spammers on Social Networks**, *Annual Computer Security Applications Conference (ACSAC)*, Austin, TX.
- 07/06/2010 **Detecting Spammers on Social Networks**, *Politecnico di Milano*, Milano, Italy.
- 03/23/2010 **Detecting Spammers on Twitter**, *Twitter Inc.*, San Francisco, CA.

---

## Publications

A. Doupé, M. Egele, B. Caillat, G. Stringhini, G. Yakin, A. Zand, L. Cavedon, and G. Vigna. Hit 'em Where it Hurts: A Live Security Exercise on Cyber Situational Awareness. In *Annual Computer Security Applications Conference (ACSAC)*, Orlando, FL, 2011.

B. Stone-Gross, T. Holz, G. Stringhini, and G. Vigna. The Underground Economy of Spam: A Botmaster's Perspective of Coordinating Large-Scale Spam Campaigns. In *USENIX Workshop on Large-Scale Exploits and Emergent Threats (LEET)*, Boston, MA, 2011.

G. Stringhini, M. Egele, C. Kruegel, and G. Vigna. Poultry Markets: On the Underground Economy of Twitter Followers. In *SIGCOMM Workshop on Online Social Networks (WOSN)*, Helsinki, Finland, 2012.

G. Stringhini, M. Egele, A. Zarras, T. Holz, C. Kruegel, and G. Vigna. B@bel: Leveraging Email Delivery for Spam Mitigation. In *USENIX Security Symposium*, Bellevue, WA, 2012.

G. Stringhini, T. Holz, B. Stone-Gross, C. Kruegel, and G. Vigna. BotMagnifier: Locating Spambots on the Internet. In *USENIX Security Symposium*, San Francisco, CA, 2011.

G. Stringhini, C. Kruegel, and G. Vigna. Detecting Spammers on Social Networks. In *Annual Computer Security Applications Conference (ACSAC)*, Austin, TX, 2010.