

Roberto di Lallo¹

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- PERSONAL INFO** *Current city:* Rome, Italy
Languages: Italian, English
- KEYWORDS** **Internet eXchange Points, Software Defined Networks, Routing, Measurements, Visualization**
- EDUCATION** *Master in Computer Science and Engineering* 2011 - 2013
Roma Tre University, Rome, Italy
 • Graduated **with honors** (in Italian: *110 e lode*)
- WORK EXPERIENCE** *Teaching Assistant* March 2015 - September 2016
"Analisi e Progettazione del Software" (Software Analysis and Design at Roma Tre University)
- Ph.D. Student* since October 2014
Roma Tre University
- Ph.D. Visiting Scholar* October 2016 - February 2017
Queen Mary University Of London
- Research Collaborator* June 2014 - October 2014
Nautilus Mediterranean eXchange (NaMeX), Rome, Italy
Roma Tre University
 • Studying how **Internet eXchange Points** impact QoS on the Internet
- Contractor* January 2013 - July 2013
Italian National Research Council (CNR), Rome, Italy
 • development of a custom search engine
 • development of a database of documents shared, indexed and queried through natural language
- Intern* May 2010 - October 2010
IBM Tivoli Software Lab, Rome, Italy
 • study about the deployment of virtual machines in cloud environments
- CONFERENCE TALKS** **69th RIPE Meeting, London:** IXPs: Is De-peering the Right Choice?
 ISCC 2015, Cyprus: Is It Really Worth to Peer At IXPs? A Comparative Study
 NOMS 2016, Istanbul: On the Practical Applicability of SDN Research
- INVITED TALKS** **Queen Mary University of London, London:** On the Practical Applicability of SDN Research - *November 2016*
 University of Cambridge, Cyprus: Towards an SDN-enabled Federated Internet
 January 2017

¹I consent to treatment of personal data as per Italian State D. Law 196/2003.

PUBLICATIONS

- Habib Mostafaei, Gabriele Lospoto, Andrea Brandimarte, Roberto di Lallo, Massimo Rimondini, Giuseppe Di Battista. "SDNS: Exploiting SDN and the DNS to Exchange Traffic in a Federated Network" *IEEE Conference on Network Softwarization (IEEE NetSoft 2017)*, 2017.
- Gabriele Lospoto, Habib Mostafaei, Roberto di Lallo, Massimo Rimondini, Giuseppe Di Battista. "SDNetkit: A Testbed for Experimenting SDN in Multi-Domain Networks" *IFIP/IEEE International Symposium on Integrated Network Management (IM 2017)*, 2017.
- Marco Chiesa, Roberto di Lallo, Gabriele Lospoto, Habib Mostafaei, Massimo Rimondini, Giuseppe Di Battista. "PrIXP: Preserving the Privacy of Routing Policies at Internet eXchange Points" *IFIP/IEEE International Symposium on Integrated Network Management (IM 2017)*, 2017.
- Roberto di Lallo, Federico Griscioli, Gabriele Lospoto, Habib Mostafaei, Maurizio Pizzonia, Massimo Rimondini. "Leveraging SDN to Monitor Critical Infrastructure Networks in a Smarter Way" *IFIP/IEEE International Symposium on Integrated Network Management (IM 2017)*, 2017.
- Roberto di Lallo, Gabriele Lospoto, Massimo Rimondini, Giuseppe Di Battista. "How to Handle ARP in a Software-Defined Network." *In Conference on Network Softwarization (NetSoft 2016)*, IEEE, 2016.
- Roberto di Lallo, Gabriele Lospoto, Massimo Rimondini, Giuseppe Di Battista. "Supporting End-to-End Connectivity in Federated Networks using SDN." *In, Melike Erol-Kantarci, Brendan Jennings, Helmut Reiser, editors, Proc. IEEE/IFIP Network Operations and Management Symposium (NOMS 2016)*, 2016.
- Roberto di Lallo, Mirko Gradillo, Gabriele Lospoto, Claudio Pisa, Massimo Rimondini. "On the Practical Applicability of SDN Research." *In, Melike Erol-Kantarci, Brendan Jennings, Helmut Reiser, editors, Proc. IEEE/IFIP Network Operations and Management Symposium (NOMS 2016)*, 2016.
- Marco Di Bartolomeo, Giuseppe Di Battista, Roberto di Lallo, Claudio Squarcella. "Is It Really Worth to Peer At IXPs? A Comparative Study." *In Proc. ISCC, 2015*.

ACTIVITIES FOR CONFERENCES AND JOURNAL

- Reviewer: International Symposium on Algorithms and Computation (ISAAC) 2016
- Reviewer: International Symposium on Visualization for Cyber Security (VizSec) 2016

AWARDS

- *RACI (the RIPE Academic Cooperation Initiative):* 2014