Roberto **Doriguzzi Corin**

doriguzzi | robertodoriguzzicorin | 0000-0002-8001-7835 | Roberto Doriguzzi Corin

Roberto Doriguzzi Corin is the head of the Distributed AI for dependable cyberSecuritY (DAISY) research unit at Fondazione Bruno Kessler in Trento, Italy. He earned his M.Sc. in Mathematics from the University of Trento and a Ph.D. in Telecommunication Engineering from the University of Bologna. Before joining Fondazione Bruno Kessler, Roberto spent nearly nine years in the industry, primarily focusing on embedded systems for machine vision. He also worked as a research engineer at CREATE-NET (Center of REsearch And Telecommunication Experimentations for NETworked communities), where he contributed to managing research projects and developing proof-of-concept software prototypes. Since 2022, Roberto has been serving as a lecturer at the University of Trento, where he teaches courses to M.Sc. and Ph.D. students on AI technologies applied to cybersecurity. His research interests lie in the field of cybersecurity, with a strong focus on Machine Learning, Software-Defined Networking and Resource Optimisation techniques. Roberto has co-authored several publications in international peer-reviewed journals, conferences and workshops.

Work Experience

Head of Research Unit

May 2025 - Present

Fondazione Bruno Kessler (FBK) — *Trento, Italy*

Head of the Distributed AI for dependable cyberSecuritY (DAISY) research unit, focusing on the development of AI-driven solutions for threat detection, as well as resource optimisation algorithms and system/network monitoring tools, with the aim to address the cybersecurity challenges across the cloud–edge continuum. Responsibilities include:

- Defining strategic research directions.
- Coordinating a multidisciplinary team.
- Ensuring alignment with real-world challenges in distributed computing.
- Mentoring PhD and MSc students in their academic and professional development.

Senior Researcher

Jan 2017 - Apr 2025

Fondazione Bruno Kessler (FBK) — *Trento, Italy*

Definition of research directions, management of work packages and tasks within research projects funded by the European Union (H2020 and Horizon Europe programs), supervision of master and PhD students, contribution to research project proposals.

- **Research topics:** Cybersecurity, AI for security and security for AI, Software Defined Networking, Network Function Virtualisation and Network Service Chaining.
- **Research methodologies:** Deep Learning, Optimisation models (linear programming) and algorithms (heuristics), Network simulation and emulation.
- **Community service:**
  - Serving as TPC member for various scientific conferences and workshops.
  - Serving as reviewer for (among others): IEEE/ACM Transactions on Networking, IEEE Journal on Selected Areas in Communications, IEEE Transactions on Information Forensics and Security, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Network and Service Management, Elsevier Computers & Security.

Lecturer

May 2022 - Present

University of Trento — *Trento, Italy*

- PhD course on *Network Intrusion Detection with Deep Learning* - A.Y. 2021-2022, 2022-2023, 2023-2024,2024-2025
- MSc course on *Network Intrusion and Anomaly Detection with Machine Learning* - A.Y. 2023-2024, 2024-2025

Associate Editor

Mar 2024 - Present

IEEE Transactions on Network and Service Management

- Management of the peer-review process for submitted articles, ensuring the quality and timeliness of published articles.

Visiting Research Fellow

May 2018 - Aug 2018

Queen's University Belfast — *Belfast, Northern Ireland (UK)*

Research focus: deep learning methods for network intrusion detection.

Visiting Research Fellow *May 2017 - Aug 2017*

Queen's University Belfast *Belfast, Northern Ireland (UK)*

Research focus: algorithms for provisioning security services in NFV-enabled networks.

Senior Research Engineer *May 2008 - Dec 2016*

CREATE-NET *Trento, Italy*

Project management and software development activities within local-funded research and European projects (FP7 and H2020 programs). Supervision of master and PhD students.

Software Engineer/System Administrator *Oct 1999 - Jun 2008*

NeuriCam S.p.A. *Trento, Italy*

- Development of Linux-based operating systems and user-space applications for embedded devices.
- Implementation of machine vision algorithms for "smart" digital cameras.
- Maintenance of several Debian and Redhat Linux servers as well as a mixed network environment consisting of Windows, Linux and Solaris workstations.

Educator *Oct 1998 - Sept 1999*

ANFFAS *Trento, Italy*

Taking care of people with physical or mental impairments.

Academic Qualifications

Italian Scientific Qualification (ASN) for the role of Associate Professor in Computer Science (SSD: INFO-01/A) *Nov 2024 - Nov 2036*

Italian Scientific Qualification (ASN) for the role of Associate Professor in Data Processing Systems (SSD: IINF-05/A) *Feb 2023 - Jan 2035*

Education

PhD in Electronics, Telecommunications and Information Technologies Engineering *Oct 2016 - Apr 2020*

Universitá degli Studi di Bologna *Bologna, Italy*

- **Thesis**: Methods and Techniques for Dynamic Deployability of Software-Defined Security Services (publicly available at https://arxiv.org/abs/2004.02876)
- **Supervisors**: prof. Franco Callegati (UniBO) and dr. Domenico Siracusa (Fondazione Bruno Kessler)
- **Final Grade**: Excellent

M.Sc. in Mathematics *Oct 1991 - Jul 1996*

Universitá degli Studi di Trento *Trento, Italy*

- **Thesis**: Minimization of convex and quasi-convex functionals within r-forms spaces on a compact variety
- **Supervisors**: prof. Gabriele Anzellotti (UniTN) and prof. Sisto Baldo (UniTN)
- **Final Grade**: 110/110 cum laude

Programming Skills

Basic	Drupal, Java
Intermediate	Gurobi, Bash scripting, MS Windows OS/Office tools, Mac OS, Linux Kernel and drivers, Linux toolchains, C/C++
Advanced	Linux OS, LaTeX, Python, Keras, network services

Language Skills

Mother tongue	**Italian**
English language	**IELTS Band Score 7.5** - **CEFR Level C1** (TRF Number 24IT502666DORR010A) *May 2024*

Research Projects

IPCEI Next Generation Cloud Infrastructure and Services (CIS) *May 2024 - Apr 2029*

https://competition-policy.ec.europa.eu/state-aid/ipcei/approved-ipceis/cloud_en

Role: Internal Technical Leader for AI-empowered Threat and Anomaly Detection

Management and coordination of internal activities within the Working Group on Threat/Anomaly Monitoring and Response.

PNRR SERICS Spoke 4 - SecCo (Securing Containers) *Jan 2023 - Dec 2025*

https://serics.eu/services/spoke-4-sicurezza-sistemi-operativi-virtualizzazione/

Role: Technical Contributor

Design and implementation of novel AI-based algorithms for runtime monitoring and anomaly detection within container deployments.

Horizon Europe FluidOS (Flexible, scaLable and secUre decentralIzeD Operating System) *Sep 2022 - Aug 2025*

https://cordis.europa.eu/project/id/101070473

Role: Technical Contributor

Design and implementation of novel algorithms for the detection and mitigation of cyberattacks and for the orchestration of security services [2, 3, 15, 17, 16][github.com/doriguzzi/flad-federated-learning-ddos].

H2020 SPIDER (a cyberSecurity Platform for vIrtualiseD 5G cybEr Range services) *Jan 2021 - Jun 2022*

https://cordis.europa.eu/project/id/815141

Role: Technical Contributor

Responsible for the design and implementation of the DDoS attack detection exercise within the SPIDER Cyber Range [19][github.com/doriguzzi/lucid-ddos].

H2020 DECENTER (Decentralised technologies for orchestrated cloud-to-edge intelligence) *Apr 2020 - Jun 2021*

https://cordis.europa.eu/project/id/815141

Role: Work Package Leader and Technical Contributor

Leader of the Work Package in charge of the development of the DECENTER software platform. Design and development of advanced methods and techniques for DDoS attack detection [8][10][github.com/doriguzzi/lucid-ddos].

H2020 CyberSec4Europe (Cyber Security Network of Competence Centres for Europe) *Jul 2019 - Dec 2022*

https://cordis.europa.eu/project/id/830929

Role: Internal Technical Leader and Technical Contributor

Study on explainable AI in the context of network intrusion detection in collaboration with KU Leuven (Belgium).

H2020 ACINO (Application-Centric IP/optical Network Orchestration) *Feb 2015 - Jan 2018*

https://cordis.europa.eu/project/id/645127

Role: Technical contributor

Contribution to the development of the ACINO orchestration platform [40][36]. Study and development of methods for the deployability of network security services in softwarised networks [22][9][github.com/doriguzzi/pess-security]. Support to project and Work Package management.

FP7 NetIDE (An integrated development environment for portable network applications) *Jan 2014 - Dec 2016*

https://cordis.europa.eu/project/id/619543

Role: Technical Contributor

Coordination of the design and implementation of the NetIDE platform [24][42]. Study on memory management techniques to improve performance and robustness of Software-Defined Networks [25][23][39][37]. Support to project coordination and management.

FP7 ALIEN (Abstraction Layer for Implementation of Extensions in programmable Networks) *Oct 2012 - Sep 2014*

https://cordis.europa.eu/project/id/317880

Role: Work Package Leader and Technical Contributor

Leader of the Work Package dedicated to the development of the ALIEN control framework [44]. Design and implementation of a virtualisation module for OpenFlow-enabled network devices [28][27][26][43].

FP7 OFELIA (OpenFlow in Europe: Linking Infrastructure and Applications) *Nov 2011 - Oct 2013*

https://cordis.europa.eu/project/id/258365

Role: Technical contributor

Design and implementation of a network virtualisation mechanism for OpenFlow networks [30][12][45].

SEROFON (advanced SERvices on Open-FlOw enabled Networks) *Jul 2010 - Jun 2012*

https://opencoesione.gov.it/en/progetti/2tr5_2009_03/

Role: Technical contributor

Initial study on network virtualisation techniques for OpenFlow networks [33][46].

TRITon (Trentino Research & Innovation for Tunnel Monitoring) *May 2008 - Dec 2010*

http://triton.disi.unitn.it/index.html

Role: Technical contributor

Implementation of Linux-based operating system and applications for the gateway of a Wireless Sensor Network [32][48].

Publications

Journal Articles and Book Chapters

[1] Introducing Packet-Level Analysis in Programmable Data Planes to Advance Network Intrusion Detection
R. Doriguzzi-Corin, L. A. Dias Knob, L. Mendozzi, D. Siracusa, M. Savi *Computer Networks* (2024). Elsevier. DOI: https://doi.org/10.1016/j.comnet.2023.110162

[2] FLAD: Adaptive Federated Learning for DDoS Attack Detection
R. Doriguzzi-Corin, D. Siracusa *Computers & Security* (2024) p. 103597. Elsevier. DOI: https://doi.org/10.1016/j.cose.2023.103597

[3] Resource-aware Cyber Deception for Microservice-based Applications
M. Zambianco, C. Facchinetti, R. Doriguzzi-Corin, D. Siracusa *IEEE Transactions on Services Computing* (2024). IEEE Computer Society. DOI: https://doi.org/10.1109/TSC.2024.3395919

[4] EECO: An AI-Based Algorithm for Energy-Efficient Comfort Optimisation
G. Segala, R. Doriguzzi-Corin, C. Peroni, M. Gerola, D. Siracusa *Energies* 16.21 (2023). DOI: https://doi.org/10.3390/en16217334

[5] DAICS: A Deep Learning Solution for Anomaly Detection in Industrial Control Systems
M. Fathy Abdelaty, R. Doriguzzi-Corin, D. Siracusa *IEEE Transactions on Emerging Topics in Computing* (2021). DOI: https://doi.org/10.1109/TETC.2021.3073017

[6] Hybrid SDN Evolution: A Comprehensive Survey of the State-of-the-art
S. Khorsandroo, A. Gallego Sánchez, A. Saman Tosun, J.M. Arco, R. Doriguzzi-Corin *Computer Networks* 192 (2021). DOI: https://doi.org/10.1016/j.comnet.2021.107981

[7] A Practical and Adaptive Approach to Predicting Indoor CO2
G. Segala, R. Doriguzzi-Corin, C. Peroni, T. Gazzini, D. Siracusa *Applied Sciences* 11.22 (2021). DOI: https://doi.org/10.3390/app112210771

[8] LUCID: A Practical, Lightweight Deep Learning Solution for DDoS Attack Detection
R. Doriguzzi-Corin, S. Millar, S. Scott-Hayward, J. Martìnez Rincón, D. Siracusa *IEEE Transactions on Network and Service Management* 17.2 (2020) pp. 876–889. DOI: https://doi.org/10.1109/TNSM.2020.2971776

[9] Dynamic and Application-Aware Provisioning of Chained Virtual Security Network Functions
R. Doriguzzi-Corin, S. Scott-Hayward, D. Siracusa, M. Savi, E. Salvadori *IEEE Transactions on Network and Service Management* 17.1 (2020) pp. 294–307. DOI: https://doi.org/10.1109/TNSM.2019.2941128

[10] Introducing SmartNICs in Server-based Data Plane Processing: the DDoS Mitigation Use Case
S. Miano, R. Doriguzzi-Corin, F. Risso, D. Siracusa, R. Sommese *IEEE Access* 7 (2019) pp. 107161–107170. DOI: https://doi.org/10.1109/ACCESS.2019.2933491

[11] Are We Ready to Drive Software-Defined Networks? A Comprehensive Survey on Management Tools and Techniques
E. Rojas, R. Doriguzzi-Corin, S. Tamurejo, A. Beato, A. Schwabe, K. Phemius, C. Guerrero *ACM Comput. Surv.* 51.2 (2018) 27:1–27:35. DOI: http://doi.acm.org/10.1145/3165290

[12] Towards an Automated Framework to Instantiate Virtual Networks in OpenFlow-based Infrastructures
R. Doriguzzi-Corin, E. Salvadori, M. Gerola *International Journal of Communication Networks and Distributed Systems (IJCNDS)* 17 (2016) pp. 234–253. DOI: http://dx.doi.org/10.1504/IJCNDS.2016.10000949

[13] TinyKey, a Pragmatic and Energy Efficient Security Layer for Wireless Sensor Networks
R. Doriguzzi-Corin, G. Russello, E. Salvadori *Security for Multihop Wireless Networks*. CRC press, 2014. DOI: https://doi.org/10.1201/b16754

[14] AiroLAB: A Framework Toward Effective Virtualization of Multi-hop Wireless Networks
R. Doriguzzi-Corin, R. Riggio, D. Miorandi, E. Salvadori *International Journal of Communication Networks and Distributed Systems (IJCNDS)* 6 (2011) pp. 302–321. DOI: http://dx.doi.org/10.1504/IJCNDS.2011.039537

Conference Proceedings

[15] Resource-Efficient Federated Learning for Network Intrusion Detection
R. Doriguzzi-Corin, S. Cretti, D. Siracusa *2024 IEEE 10th International Conference on Network Softwarization (NetSoft)*, 2024, DOI: http://dx.doi.org/10.1109/NetSoft60951.2024.10588938

[16] Online Learning and Model Pruning Against Concept Drifts in Edge Devices
S. Magnani, S. Tirupathi, R. Doriguzzi-Corin, L. Nedoshivina, S. Braghin, D. Siracusa *2024 IEEE 10th International Conference on Network Softwarization (NetSoft)*, 2024, DOI: http://dx.doi.org/10.1109/NetSoft60951.2024.10588946

[17] Enhancing Network Intrusion Detection: An Online Methodology for Performance Analysis
S. Magnani, R. Doriguzzi-Corin, D. Siracusa *2023 IEEE 9th International Conference on Network Softwarization (NetSoft)*, 2023, DOI: https://doi.org/10.1109/NetSoft57336.2023.10175465

[18] Pruning Federated Learning Models for Anomaly Detection in Resource-Constrained Environments
S. Magnani, S. Braghin, A. Rawat, R. Doriguzzi-Corin, M. Purcell, D. Siracusa *2023 IEEE International Conference on Big Data (BigData)*, 2023

[19] A Digital Twin for the 5G Era: the SPIDER Cyber Range
F. Rebecchi, A. Pastor, A. Mozo, C. Lombardo, R. Bruschi, I. Aliferis, R. Doriguzzi-Corin, P. Gouvas, A. A. Romero, A. Angelogianni, I. Politis, C. Xenakis *2022 IEEE 23rd International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM)*, 2022, DOI: https://doi.org/10.1109/WoWMoM54355.2022.00088

[20] GADoT: GAN-based Adversarial Training for Robust DDoS Attack Detection
M. Abdelaty, S. Scott-Hayward, R. Doriguzzi-Corin, D. Siracusa *Proc. of the IEEE Conference on Communications and Network Security (CNS)*, 2021, DOI: https://doi.org/10.1109/CNS53000.2021.9705040

[21] AADS: A Noise-Robust Anomaly Detection Framework for Industrial Control Systems
M. Abdelaty, R. Doriguzzi-Corin, D. Siracusa *Proc. of the 21st International Conference on Information and Communications Security (ICICS)*, 2019, DOI: https://doi.org/10.1007/978-3-030-41579-2_4

[22] Application-Centric Provisioning of Virtual Security Network Functions
R. Doriguzzi-Corin, S. Scott-Hayward, D. Siracusa, Elio Salvadori *Proc. of the Third IEEE International Workshop on Security in NFV-SDN (SN-2017)*, 2017, DOI: https://doi.org/10.1109/NFV-SDN.2017.8169861

[23] An Effective Swapping Mechanism to Overcome the Memory Limitation of SDN Devices
A. Marsico, R. Doriguzzi-Corin, D. Siracusa *Proc. of IFIP/IEEE Symposium on Integrated Network and Service Management (IM)*, 2017, DOI: https://doi.org/10.23919/INM.2017.7987286

[24] Reusability of Software-Defined Networking Applications: A Runtime, Multi-Controller Approach
R. Doriguzzi-Corin, P. A. Aranda Gutiérrez, E. Rojas, H. Karl, E. Salvadori *Proc. of 12th International Conference on Network and Service Management (CNSM)*, 2016, DOI: https://doi.org/10.1109/CNSM.2016.7818419

[25] Empowering Network Operating Systems with Memory Management Techniques
R. Doriguzzi-Corin, D. Siracusa, E. Salvadori, A. Schwabe *Proc. of IEEE/IFIP NOMS*, 2016, DOI: http://dx.doi.org/10.1109/NOMS.2016.7502889

[26] A Datapath-Centric Virtualization Mechanism for OpenFlow Networks
R. Doriguzzi-Corin, E. Salvadori, M. Gerola, M. Suñé, H. Woesner *Proc. of Third European Workshop on Software Defined Networks*, 2014, DOI: http://dx.doi.org/10.1109/EWSDN.2014.19

[27] Hardware Abstraction Layer for non-OpenFlow Capable Devices
L. Ogrodowczyk, B. Belter, A. Binczewski, K. Dombek, A. Juszczyk, I. Olszewski, D. Parniewicz, R. Doriguzzi-Corin, M. Gerola, E. Salvadori, K. Pentikousis, U. Toseef, A. Zaalouk, H. Woesner, M. Rashidi Fard, J. Matias, V. Fuentes, M. Huarte, E. Jacob, M. Michalski, R. Rajewski *Proc. of TERENA Networking Conference (TNC)*, 2014, Dublin, Ireland

[28] Design and Implementation of an OpenFlow Hardware Abstraction Layer
D. Parniewicz, R. Doriguzzi-Corin, L. Ogrodowczyk, M. Rashidi Fard, J. Matias, M. Gerola, V. Fuentes, U. Toseef, A. Zaalouk, B. Belter, E. Jacob, K. Pentikousis *Proc. of the 2014 ACM SIGCOMM Workshop on Distributed Cloud Computing*, 2014, DOI: http://dx.doi.org/10.1145/2627566.2627577

[29] Progressive virtual topology embedding in OpenFlow networks
R. Riggio, F. De Pellegrini, E. Salvadori, M. Gerola, R. Doriguzzi-Corin *Proc. of IFIP/IEEE International Symposium on Integrated Network Management (IM 2013)*, 2013

[30] VeRTIGO: Network Virtualization and Beyond
R. Doriguzzi-Corin, M. Gerola, R. Riggio, F. De Pellegrini, E. Salvadori *Proc. of European Workshop on Software Defined Networking*, 2012, DOI: http://dx.doi.org/10.1109/EWSDN.2012.19

[31] TinyKey: A light-weight architecture for Wireless Sensor Networks securing real-world applications.
R. Doriguzzi-Corin, G. Russello, E. Salvadori *Proc. of the 8th International Conference on Wireless On-demand Network Systems and Services (WONS 2011)*, 2011, DOI: http://dx.doi.org/10.1109/WONS.2011.5720202

[32] Is There Light at the Ends of the Tunnel? Wireless Sensor Networks for Adaptive Lighting in Road Tunnels.
M. Ceriotti, M. Corrà, L. D'Orazio, R. Doriguzzi-Corin, D. Facchin, S. Guna, G.P. Jesi, R. Lo Cigno, L. Mottola, A. L. Murphy, M. Pescalli, G.P. Picco, D. Pregnolato, C.A. Torghele *Proc. of 10th ACM/IEEE International Conference on Information Processing in Sensor Networks 2011 - SPOTS*, 2011

[33] Generalizing Virtual Network Topologies in OpenFlow-Based Networks
E. Salvadori, R. Doriguzzi-Corin, A. Broglio, M. Gerola *Proc. of IEEE Global Telecommunications Conference (GLOBECOM 2011)*, 2011, DOI: http://dx.doi.org/10.1109/GLOCOM.2011.6134525

[34] AiroLAB: Leveraging on virtualization to introduce controlled experimentation in operational multi-hop wireless networks
R. Doriguzzi-Corin, R. Riggio, D. Miorandi, E. Salvadori *Proc. of the International Conference on Testbeds and Research Infrastructures*, 2010, DOI: https://doi.org/10.1007/978-3-642-17851-1_27

Demos and Posters

[35] Towards Application-Aware Provisioning of Security Services with Kubernetes
R. Doriguzzi-Corin, S. Cretti, T. Catena, S. Magnani, D. Siracusa *Proc. of the IEEE 8th International Conference on Network Softwarization (NetSoft)*, 2022, DOI: https://doi.org/10.1109/NetSoft54395.2022.9844023

[36] Enriching Intent-based SDN to Ease Customer Service Management in Transport Networks
A. Marsico, M. Chamania, R. Doriguzzi-Corin, C. Matrakidis, D. Klonidis, P. Sköldström, A. Ghafoor, S. Junique, V. Lòpez, D. Siracusa , 2018, DOI: 10.1364/NETWORKS.2018.NeW2F.2

[37] Overcoming the Memory Limits of Network Devices in SDN-Enabled Data Centers
A. Marsico, R. Doriguzzi-Corin, D. Siracusa *Proc. of IFIP/IEEE Symposium on Integrated Network and Service Management (IM)*, 2017, DOI: https://doi.org/10.23919/INM.2017.7987402

[38] NetIDE: All-in-one framework for next generation, composed SDN applications
P. A. A. Gutiérrez, E. Rojas, A. Schwabe, C. Stritzke, R. Doriguzzi-Corin, A. Leckey, G. Petralia, A. Marsico, K. Phemius, S. Tamurejo *Proc. of the NetSoft Conference and Workshops (NetSoft)*, 2016, DOI: https://doi.org/10.1109/NETSOFT.2016.7502408

[39] A Non-disruptive Automated Approach to Update SDN Applications at Runtime
A. Marsico, R. Doriguzzi-Corin, M. Gerola, D. Siracusa, A. Schwabe *Proc. of IEEE/IFIP NOMS*, 2016, DOI: http://dx.doi.org/10.1109/NOMS.2016.7502946

[40] Policy-based restoration in IP/optical transport networks
M. Santuari, T. Szyrkowiec, M. Chamania, R. Doriguzzi-Corin, V. Lopez, D. Siracusa *Proc. of the NetSoft Conference and Workshops (NetSoft)*, 2016, DOI: https://doi.org/10.1109/NETSOFT.2016.7502409

[41] An Approach to Exposing and Sharing Network Services in Software-Defined Networking
R. Doriguzzi-Corin, E. Salvadori, M. Gerola, M. Santuari *ACM Sigcomm Symposium on SDN Research (SOSR)*, 2015

[42] NetIDE: Removing vendor lock-in in SDN
R. Doriguzzi-Corin, E. Salvadori, P. A. Aranda Gutiérrez, C. Stritzke, A. Leckey, K. Phemius, E. Rojas, C. Guerrero *Proc. of the 1st IEEE Conference on Network Softwarization (NetSoft)*, 2015, London, UKDOI: http://dx.doi.org/10.1109/NETSOFT.2015.7116170

[43] Demonstrating a Distributed and Version-Agnostic OpenFlow Slicing Mechanism
D. Depaoli, R. Doriguzzi-Corin, M. Gerola, E. Salvadori *Proc. of Third European Workshop on Software Defined Networks*, 2014, DOI: http://dx.doi.org/10.1109/EWSDN.2014.21

[44] Leading the OFELIA Facility Beyond OpenFlow 1.0 Experimentations
M. Santuari, R. Doriguzzi-Corin, M. Gerola, E. Salvadori, U. Toseef, A. Zaalouk, K. Dombek, D. Parniewicz, A. Hammad, M. Rashidi-Fard, E. Jacob, J. Matias *Proc. of Third European Workshop on Software Defined Networks*, 2014, DOI: http://dx.doi.org/10.1109/EWSDN.2014.20

[45] Demonstrating Inter-Testbed Network Virtualization in OFELIA SDN Experimental Facility
M. Gerola, R. Doriguzzi-Corin, R. Riggio, F. De Pellegrini, E. Salvadori, H. Woesner, T. Rothe, M. Sune, L. Bergesio *Proc. of Computer Communications Workshops (INFOCOM WKSHPS), 2013 IEEE Conference on*, 2013, DOI: http://dx.doi.org/10.1109/INFCOMW.2013.6970724

[46] Demonstrating Generalized Virtual Topologies in an Openflow Network
E. Salvadori, R. Doriguzzi-Corin, M. Gerola, A. Broglio, F. De Pellegrini *Proc. of the ACM SIGCOMM 2011 Conference*, 2011, DOI: http://dx.doi.org/10.1145/2018436.2018520

[47] Emulating Multi–hop Wireless Networks over a Planetary Scale Testbed
E. Salvadori, R. Doriguzzi-Corin, R. Riggio, A. Broglio, F. Granelli, A. Bavier *Proc. of the International Conference on Testbeds and Research Infrastructures*, 2010, DOI: https://doi.org/10.1007/978-3-642-17851-1_53

[48] Adaptive Lighting in Road Tunnels Using Wireless Sensor Networks
M. Ceriotti, R. Doriguzzi-Corin, S. Guna, R. Lo Cigno, L. Mottola, Amy A. Murphy, M. Nardelli, G.P. Picco, C. Torghele *Proc. of the 1st European TinyOS Technology Exchange (ETTX09)*, 2009

Roberto Doriguzzi Corin, PhD
FIRMATO IN ORIGINALE

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