

PERSONAL INFORMATION Viviana Arrigoni

EDUCATION AND TRAINING

- 11/2017-present **PhD in Computer Science**
Department of Computer Science
'Sapienza', University of Rome, Rome, Italy
- 07/2020 **Advanced Course on Data Science & Machine Learning**
Certosa di Pontignano, Siena, Italy
- 09/2019 **Womencourage**
25 best poster session
Rome, Italy
- 02/2019 **School on Advanced Parallel Computing**
CINECA
Bologna, Italy
- 10/2018 **Workshop on Matlab in HPC Environment**
CINECA
Bologna, Italy
- 04-07/2018 **Visiting**
Department of Mathematics
Technische Universität
Berlin, Germany
- 04/2018 **Summer School on Parallel Computing**
CINECA
Bologna, Italy
- 01/2017 **Master Degree in Computer Science**
Department of Computer Science
'Sapienza', University of Rome, Rome, Italy
- 02-07/2016 **Erasmus+ Program**
Department of Computer Science
University of Porto, Porto, Portugal
- 12/2014 **Bachelor Degree in Mathematics**
Department of Mathematics
'Sapienza', University of Rome, Rome, Italy

PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A1	A1	A1	A1	A1

Driving licence B

PUBLICATIONS

- [1] Novella Bartolini, Ting He, Viviana Arrigoni, Annalisa Massini, Federico Trombetti, and Hana Khamfroush. "On Fundamental Bounds on Failure Identifiability by Boolean Network Tomography". In: *IEEE/ACM Transactions on Networking* 28.2 (2020), pp. 588–601.
- [2] Viviana Arrigoni and Annalisa Massini. "Hybrid Solver for Quasi Block Diagonal Linear Systems". In: *International Conference on Parallel Processing and Applied Mathematics*. Springer. 2019, pp. 129–140.
- [3] Viviana Arrigoni, Novella Bartolini, and Annalisa Massini. "Topology Agnostic Bounds on Minimum Requirements for Network Failure Identification". In: *IEEE Access* (2020), pp. 1–1.
- [4] Viviana Arrigoni, Novella Bartolini, Annalisa Massini, and Federico Trombetti. "Failure Localization through Progressive Network Tomography". In: *IEEE INFOCOM 2021 - IEEE Conference on Computer Communications (INFOCOM 2021)*. Vancouver, Canada, May 2021.
- [5] V. Arrigoni and A. Massini. *Solving Quasi Block Diagonal Linear Systems*. https://womencourage.acm.org/2019/wp-content/uploads/2019/07/womENCourage_2019_paper_60.pdf. Online; accessed 2 January 2021. ACM, 2019.