PERSONAL INFORMATION

Tommaso Grigoletto

- Via Gradenigo 6 • Padova, 35131 • Italy
- tommaso.grigoletto@phd.unipd.com
- https://tommygrigo.github.io

Nationality Italian

EDUCATION AND TRAINING

Oct. 2020 - Present — **Ph.D. in Information engineering, University of Padua**
Advisor: Prof. Francesco Ticozzi

Oct. 2018- Jul. 2020 — **Master of Science in Automation engineering, University of Padua**
Thesis: Measurement-based switching control for quantum systems
Advisor: Prof. Francesco Ticozzi
Final grade: 110/110

Oct. 2015- Jul. 2018 — **Bachelor of Science in Information engineering, University of Padua**
Thesis: Control system for a rocket soft landing
Advisor: Prof. Mauro Bisiacco
Final grade: 106/110

Sep. 2010- Jul. 2015 — **High school, I.T.I.S. Rossi, Vicenza**
Thesis: Control system for a quadcopter
Advisor: Prof. Paolo Fumene Ferruglio
Final grade: 94/100

PROFESSIONAL EXPERIENCE

Oct. 2020 - Present — **Ph.D. student**
Department of Information Engineering, University of Padua

Aug. 2022 - Feb. 2023 — **Visiting Research Scholar**
Department of Physics and Astronomy, Dartmouth College

Mar. 2022 - Jun. 2022 — **Teaching Assistant**
Control Engineering Laboatory, Department of Information Engineering, University of Padua

AWARDS AND GRANTS

2020	Ph.D. Scholarship, University of Padua
2015	Tekne Scolarship, Regione Veneto
2014	Leonardo Scolarship, Fondazione centro produttività Veneto
2013	Partecipated to Robocup World Cup, I.T.I.S. Rossi

PERSONAL SKILLS

Mother tongue	Italian

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
Only the understeanding has been tested via `https://www.efset.org/cert/wKwqCU`				

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

Programming skills

Basic	ECDL, CAD design, HTML, JavaScript, PLC programming languages
Intermediate	Java, C++
Advanced	Phyton, Matlab

PUBLICATIONS

[1] **Tommaso Grigoletto** and Francesco Ticozzi. "Stabilization via feedback switching for quantum stochastic dynamics". In: *IEEE Control Systems Letters* 6 (2021). WOS:000668851700007, pp. 235–240.

[2] Tommaso Benciolini, **Tommaso Grigoletto**, and Mattia Zorzi. "Image compression by means of the multidimensional circulant covariance extension problem–Revisited". In: *2020 59th IEEE Conference on Decision and Control (CDC)*. WOS:000717663400035. IEEE. 2020, pp. 280–285.

[3] **Tommaso Grigoletto** and Francesco Ticozzi. "Minimal resources for exact simulation of quantum walks". In: *Accepted to IEEE Conference on Decision and control (CDC)* (2022).

[4] **Tommaso Grigoletto** and Francesco Ticozzi. *Algebraic Reduction of Hidden Markov Models*. arXiv:2208.05968 [cs, math], Submitted to IEEE Transaction on Automatic Control. Aug. 2022.