Tommaso **Grigoletto**

PHD STUDENT

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Education

University of Padua   *Padua*
PH.D. IN INFORMATION ENGINEERING   *October 2020 - present*
- Advisor: Prof. Francesco Ticozzi

University of Padua   *Padua*
M.SC. IN AUTOMATION ENGINEERING   *October 2018 - July 2020*
- Thesis: Measurement-based switching control for quantum systems; Advisor: Prof. Francesco Ticozzi

University of Padua   *Padua*
B.SC. IN INFORMATION ENGINEERING   *October 2015 - July 2018*
- Thesis: Control system for a rocket soft landing; Advisor: Prof. Mauro Bisiacco

I.T.I.S. Rossi   *Vicenza*
HIGH SCHOOL   *September 2010 - July 2015*
- Thesis: Control system for a quadcopter; Advisor: Prof. Paolo Fumene Ferruglio

Professional Experience

2020-2023   **Ph.D. Student**, Dept. of Information Engineering, University of Padua
03-06 2022   **Teaching Assistant, Control engineering laboratory**, Dept. of Information Engineering, University of Padua

Publications

JOURNAL PAPERS

Grigoletto, Tommaso, and Francesco Ticozzi. "Stabilization via feedback switching for quantum stochastic dynamics." IEEE Control Systems Letters (2021).

CONFERENCE PAPERS

Benciolini, Tommaso, **Tommaso Grigoletto**, and Mattia Zorzi. "Image compression by means of the multidimensional circulant covariance extension problem–Revisited." 2020 59th IEEE Conference on Decision and Control (CDC). IEEE, 2020.

(Accepted) **Tommaso Grigoletto**, and Francesco Ticozzi. "Minimal resources for exact simulation of quantum walks" 2022 61th IEEE Conference on Decision and Control (CDC). IEEE, 2022.

SUBMITTED PAPERS

Weichao Liang, **Tommaso Grigoletto**, and Francesco Ticozzi. "Switching stabilization of quantum stochastic master equations" 2022.

Tommaso Grigoletto, and Francesco Ticozzi. "Algebraic Reduction of Hidden Markov Models" 2022.

Awards, Fellowships, & Grants

2020   **Ph.D. scholarship**, University of Padua
2015   **Tekne scholarship**, Regione veneto
2014   **Leonardo scholarship**, CPV
2013   **Partecipated to the Robocup World Cup**, in Eindhoven