

Marco Todescato

Stradella Forti in Corso Padova, 57
Vicenza, 36100, Italy
(+39)3479879047
todescatATdei.unipd.it - mrc.todescatoATgmail.com

EDUCATION

PhD, Control Engineering,
Univeristy of Padova, Italy
From January 2013
Topics: Ditrubuted Optimization and Consensus Problems.

Master of Engineering, Control Engineering, 110/110 cum laude
Univeristy of Padova, Italy
In October 2012
Thesis: Distributed Algorithm for State Estimation in a Low Voltage Distribution Network.

Bachelor of Engineering, Information Engineering, 106/110
Univeristy of Padova, Italy
In July 2010
Thesis: Control of the dynamic glucose-insulin in the blood.

Post-secondary education, Scientific School, 77/100
G.B. Quadri, Italy
In July 2007

PUBLICATION

A. Carron, M. Todescato, R. Carli, L. Schenato, *An asynchronous consensus-based algorithm for estimation from noisy relative measurements*.
IEEE Transactions on Control of Network Systems (submitted)

R. Carli, A. Carron, L. Schenato, M. Todescato, *An exponential-rate consensus-based algorithms for estimation from relative measurements: implementation and performance analysis*.
Technical Report, 2013

A. Carron, M. Todescato, R. Carli, L. Schenato, *Adaptive consensus-based algorithms for fast estimation from relative measurements*.
4th IFAC Workshop on Distributed Estimation and Control in Networked Systems (NecSys'13),

S.Bolognani, R.Carli, M.Todescato, *State Estimation in Low Voltage Power Distribution Network with Poorly Synchronized Measurements*.
IEEE Transaction on, Smart Grid, 2012 (submitted).

COMPUTER SKILLS

Languages & Software: C, Java, Matlab, Simulink.
Operating Systems: Windows, , Mac OS X.
Certificate: ECDL - European Computer Driving License

EXPERIENCES

MAX PLANCK INSTITUTE for Biological Cybernetics,
Tuebingen, Germany November-December 2013

Position: Research Guest in the *Autonomous Robotics and Human Machine System* group under the supervision of Dr. Antonio Franchi.

SIDRA PhD School, Bertinoro, Forlì July 2013
Topics: Systems Biology & Vehicle Dynamics Control

PhD Summer School in Information Engineering, Bressanone, Trento July 2013
Topic: Sensors and Wireless Sensors Network

EECI Graduate School on Control, Supelec, Gif-Sur-Yvette, Paris January 2013
Module: Randomized Algorithms for Systems and Control - Theory and application

Mimprendo 2012, 4th Edition
Educational and entrepreneurial experience sponsored by Confindustria di Padova.

Exchange Program, Caringbah High School, New South Wales, Sydney, Australia
July-December 2005
5 months experience during high school education

**LANGUAGE
SKILLS**

Italian: mother tongue
English: european level B1
Spanish: european level A2

Graduate Record Examination (GRE) General Test (Computer Based) on,
September 2012, Scores:
Verbal Reasoning 147/170
Quantitative Reasoning 160/170
Analytical Writing 2.0/6.0