



Chiara Favaretto

Curriculum Vitae

Personal Data

Name Chiara Favaretto
Address via Aldo Moro, 35/6
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chiara.favaretto1990@gmail.com
Nationality Italian
Date of Birth 24/04/1990

Education

- 11/2014 - now **Phd in Information Engineering,**
University of Padova, Italy,
Advisor: Prof Angelo Cenedese,
Research Areas: Emergence of synchronization patterns and collective motion behaviours in complex network of agents: modeling and control strategies for engineering and biological applications..
- 10/2012 - 07/2014 **Master of Science in Automation Engineering,**
University of Padova, Italy,
Final grade: 110/110 cum Laude,
Main subjects: Theory and control of dynamical systems, Digital control, Advanced control techniques, Time series estimation, Biological models.
Thesis: "Flux Balance Analysis model and model based on differential equations of the tryptophan metabolism", with the supervision of Prof. Barbara Di Camillo.
- 10/2009 - 07/2012 **Bachelor's Degree in Information Engineering,**
University of Padova, Italy,
Final grade: 110/110 cum Laude,
Main subjects: Mathematics, Physics, Electronics, Computer Science, Control Systems, Telecommunications.
Thesis: "From estimate to control of glucose - insuline dynamics in diabetic patients", with the supervision of Prof. Mauro Bisiacco.
- 09/2004-06/2009 **Scientific High-School Diploma,**
Liceo Scientifico L. Da Vinci, Treviso (TV), Italy,
Final grade: 100/100 cum Laude.

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Publications

- 2014 A. Cenedese, C. Favaretto, "On the synchronization of spatially coupled oscillators", *2015 IEEE Conference on Decision and Control (CDC)*, Osaka.

Teaching Assistance

- 2015 - now **Course in Systems and Models**, *B.Sc. in Information Engineering*,
Prof. G. Pillonetto, M. Bisiacco,
Frontal exercise lectures.
- 2015 - now **Course Mathematics**, *B.Sc. in Chemical and Pharmaceutical Technology*,
Prof. A. Buratto,
Frontal exercise lectures.

Work Experience

- 05/2014 - 10/2014 **National Civil service**,
University of Padova.
Main Tasks: Laboratory development and assistance; web site improvement department; documentation management department.
- 02/2012 - 07/2012 **Part-time**,
University of Padova.
Main Tasks: Web sites update department; secretarial work.
- 09/2009 - 12/2009 **Apprentice waiter part-time**,
Pizzeria La Rotonda, via Aldo Moro 3, 31030 Casier (TV).
Main Tasks: Table service.
- 07/2008 - 08/2008 **Stage**,
City Hall in Treviso, via del Municipio 16, 31100 Treviso (TV).
Main Tasks: Secretarial work.

Personal Skills

Mother Language Italian

Other Languages English, German

Self Assessment*	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken Production	
English	B2	B2	B2	B2	B2
German	B1	B1	B1	B1	B1

*Levels: A1/2 Basic User - B1/2 Independent User - C1/2 Proficient User

Common European Framework of Reference for Languages

Communication Skills Team work and ability to collaborate with different cultures, matured thanks to many activities: 13 years of scouting activities (in AGESCI scout association), 8 theatre laboratories, several sport activities

Organisational Skills Ability to respect deadlines, matured thanks to many university projects.

Computer Skills *Matlab* (good level), *Simulink* (good level), *R* (discrete level), \LaTeX (good level), *Step7* (base level), *Java* (discrete level), *Python* (base level), *AutoCad* (base level), *MS Office* (good knowledge of Word, Excel, Power Point), video editing (good level), graphic editing (good level).

Driving Licence B

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Additional Information

- Language Certificates **Goethe Zertificat Deutsch**, Level B1, 2007.
- Language Courses **English Course**, Level upper intermediate, Morehampton Language Institute, Dublin, 28/06/2005 – 11/07/2005.
- English Course**, Level upper intermediate, EAC Language Centres, Portsmouth, 14/08/2006 – 27/08/2006.
- German Course**, A.S.L. Sprachenschule, Byern München, 15/07/2007 – 28/07/2008.
- Hobbies and Passions I took part to theatre lessons for six years. I played volleyball for seven years in a women team. I took part to scouting activities in AGESCI scout association (also as animator) for eight years. I love travelling and visiting cultural countries.

Padova, 15/02/2016

Chiara Favaretto