

Umberto Michieli

📍 Padova 35129, Italy

📧 umbertomichieli

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♂ male

Date of birth: 28/11/1994



Last Update: November 17, 2018.

Education

- 2018–present **Ph.D. in Information Engineering**, *University of Padova*.
Research topic: "Semantic Segmentation of Images and Videos for Real-World Applications".
Supervisor: Prof. Pietro Zanuttigh.
- 2016–2018 **Master of Science in Telecommunication Engineering**, *University of Padova*,
110/110 Summa cum Laude.
Thesis: "Link Prediction on Real and Synthetic Complex Networks".
- 2013–2016 **Bachelor of Science in Information Engineering**, *University of Padova*, *110/110 Summa cum Laude*.
Thesis: "Correlation and Coherence Analysis between EEG and EMG Signals".
- 2008–2013 **High School Diploma**, *Liceo Scientifico Giorgione*, Castelfranco Veneto.

Fellowships and International Experiences

- aug 2018 **The Cornell, Maryland, Max Planck Pre-doctoral Research School 2018**,
Saarbrücken.
Awarded fellowship from the organizers.
- feb – jul 2018 **Visiting researcher at Technische Universität Dresden**.
Implementation and test of link prediction algorithms on real and synthetic complex networks.
Supervisor: prof. Carlo Vittorio Cannistraci.
- jun 2018 **International School and Conference on Network Science (NetSci)**, *Paris*.
Participation covered with a fellowship granted by Technische Universität Dresden.
- 2018 **Awarded scholarship grant "Mille e una lode" for merit by University of Padova**.

Personal skills

Languages

- Italian **Mother Tongue**
- English **C1 level (Advanced user)**
- Spanish **A2 level (Basic user)**

Computer skills

- Advanced:**
- Computer programming in different languages (Java/C++/python);
 - Scripting and data analysis with MATLAB®;
 - Discrete event network simulator ns-3;
 - L^AT_EX.
- Intermediate:**
- Office productivity software (Microsoft Office suite/Apple iWork);
 - Unix shell;
 - OpenProj.

- Basic:
- ARM Assembly Language Programming;
 - CST Microwave Studio
 - Website realization (Wordpress/Jekyll).

Relevant Professional Activities

- Teaching assistant for Machine Learning 18/19 and Computer Vision 18/19 (courses of TLC Master at University of Padova, Italy)

Others

- 2018 Reviewer for CPHS18 and BGM18.
- 2017-present Pre-enrolled member at AICQ SICEV "Associated Project Manager" Register.
- 2017 Finalist at *Accenture Innovation Game*: business games of projects management.
- 2017 *Excellence in Digital*: online course by Google about digital marketing, in Italian.
- Sports fan especially tennis which I practice at a competitive level.

Publications

- [1] Giulia Cisotto, Umberto Michieli, and Leonardo Badia. "A coherence study on EEG and EMG signals". *Proceedings of the Global Wireless Summit (GWS)*, Aarhus, pages 372–376, 2016.
- [2] Umberto Michieli and Leonardo Badia. "Game Theoretic Analysis of Road User Safety Scenarios Involving Autonomous Vehicles". *IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)*, Bologna (Italy), pages 1377–1381, 9-12 September 2018.

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