

Enrico Mion

Automation Engineer

ADDRESS: Via Arsa 2, 35135, Padova, Italy
PHONE: +39 3497516032
EMAIL: enricomion92@gmail.com mionenri@dei.unipd.it
LINKEDIN: www.linkedin.com/in/enrico-mion-18ab70a7
SKYPE: enrico.mion92



Education

Ph.D. Student in Information Engineering

Università degli Studi di Padova; Period: October 2017 - to present

- Research Interests: Development of advanced Control Strategies For Human in the Loop Applications, with special attention for Dynamic Driving Simulators.

Scholarship holder in Information Engineering

Università degli Studi di Padova, Period: July 2017 - September 2017

Erasmus Student at Imperial College of London

Erasmus Student Exchange Programme; Period: September 2016 – March 2017

- Development of the Master Thesis Project

Master's Degree in Automation Engineering

Università degli Studi di Padova; Period: 2014 - 2017

- Final Grade: 110/110
- Thesis: "Hybrid electric vehicle energy management control based on stochastic dynamic programming"; Advisor: Professor Maria Elena Valcher; Co-Advisor: Professor Simos Evangelou.
- *MSc courses* : Systems Theory, Digital Control, Real and Complex Analysis, Robotics Vision and Control, Control Lab, Estimating and Filtering, Industrial Automation. Digital Signal Processing, Control Systems Design, System Identification, Control of Mechanical Systems, Image And Video Analysis.

Bachelor's Degree in Information Engineering

Università degli Studi di Padova, Period: 2011 - 2014

- Thesis: "Control of a mechanical arm of a crane"; Advisor: Professor M.Bisiacco
- Final Grade: 105/110
- *BSc courses*: Mathematical Analysis 1, Introductory Computer Science, General Physics 1, Linear Algebra and Geometry and Computer Architecture. General Physics 2, Mathematical Analysis 2, Data Structures and Algorithms in Java 1, Electrical Science, Signals and Systems, Statistical Data Analysis. Analogic Electronics, Systems and Models, Telecommunications, Project Management, History of Information Engineering and Technology, Control Theory, Digital Electronics, Theory of Computation.

Post Secondary Education, Scientific School

Liceo Scientifico E. Curiel Padova, Traditional Course, Period: 2006 - 2011

- Final Mark: 100/100

Award, Project and Publication

Morpheus Rover Project

Università degli Studi di Padova. Period: 2014–2016

- The aim was to design a rover which was able to solve different tasks during the European Rover Challenge, taking place in Poland.

MORPHEUS: A field robotics testbed for soil sampling and autonomous navigation.

Conference: 1st Symposium on Space Educational Activities, At Padova, 2015

Authors: *S. Chiodini, A. Carron, M. Pertile, M. Todescato, E. Bertolutti, A. Bilato, A. Boscardin, G. Corrà, A. Correnti, R. Dalla Vecchia, N. Dal Lago, M. Fadone, S. Fogarollo, H. Ghassabian, E. Mion, D. Paganini, F. Quadrelli, G. Soldà, A. Todescan, E. Toffanin, S. Debei.*

Fabio Denti Scholarship

Liceo Scientifico Curiel - best student of Traditional Course 2010

Work and Volunteer Experiences

Organization: *Padova è Association*

Secretary for civic list Padova è during the Padova mayoral election, Period May - June 2017

Air Liquide Padova

Summer Stage organized by Liceo Curiel, July 2010

Organization: Amico Esperto Padova

Free math and italian language tutor for children coming from other countries. Period 2006-2011

Organization: Church of Altichiero in Padova

Activity Leader in the local community, Period: 2007-2016

Organization: Rise Festival in Padova

Founder and Organization Member, Period: 2010-to present

Computer Skills

Microsoft Windows; LateX; Matlab; advance level;

Git; Microsoft Word, Excel, Powerpoint; Ubuntu: intermediate level

Java, C++, Python, ROS, Arduino: basic level.

Languages

Italian: Mother tongue

English: Fluent.

Other Interests

Football: ASD Valsugana Calcio Padova Football Team. Period: 2000 - to present

Swimming; Ping Pong; Hiking; Travelling; Driving.