

# University Academic Curriculum Vitae

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**Personal information** Name: Emanuele Fornasiero

**Education since leaving school**

- year and title of post-graduate degrees (and university)  
2006, Electrical engineer, system prior to the Ministerial Decree 509/99), University of Padova
- year, subject area and title of PhD (and university)  
2010, PhD in industrial engineering, University of Padova
- year, subject area and title of Habilitation (and university)

**Present appointment**

- Title of appointment  
Freelancer and Adjunct professor
- start of appointment  
2015, adjunct professor since academic year 2017/2018
- Level of appointment (in national / international context)  
Adjunct professor
- employer (University, research institute, status of university / institute)  
University of Trento, Free university of Bolzano
- brief description of responsibilities

**Professional experience** I am freelancer in the field of industrial processes programming (PLCs, HMIs, robots) and electrical machines and electromagnetic devices design.

Chronological list of all previous employments (each with job title, starting and finishing dates, level, employer, responsibilities)

| From / to | Job title          | Name of academic Institution | Academic level    | responsibilities      |
|-----------|--------------------|------------------------------|-------------------|-----------------------|
| 2010/2014 | Research assistant | University of Padova         | Researcher        | Research and teaching |
| 2017      | Adjunct professor  | University of Trento         | Adjunct professor | Teaching              |
| 2019      | Adjunct professor  | University of Bolzano        | Adjunct professor | Teaching              |
| From 2015 | Freelancer         |                              |                   |                       |
|           |                    |                              |                   |                       |

In the case of practice-related projects carried out in co-operation with studios, agencies or other people, please specify your own contribution to and role in the project.)

Where applicable: Design competitions and awards received (Only list competitions that were won or those with a relevant placement and/or award, with name and date of competition)

**Participation in exhibitions (where applicable)**

List of major exhibitions, Title, date, location.

IAS 2008, 2008 IEEE Industry Applications Society Annual Meeting, Edmonton, Alberta, CA, 5–8 october 2008  
IEMDC 2009, IEEE International Electric Machines and Drives Conference, Miami, Florida, USA, 3–6 may 2009  
UPEC 2009, Universities Power Engineering Conference, Padova, Italy, 1–4 september 2008  
SLED 2010, First IEEE Symposium on SensorLess control for Electrical Drives, Padova, Italy, 9–10 july 2010  
ICEM 2010, International Conference on Electrical Machines, Roma, Italy, 6–8 september 2010  
IEMDC 2011, IEEE International Electric Machines and Drives Conference, Niagara Falls, Ontario, CA, 15–18 may 2011  
SDEMPED 2011, IEEE International Symposium on Diagnostic for Electrical Machines, Power Electronics and Drives, Bologna, Italy, 5–8 september 2011  
ICEM 2012, International Conference on Electrical Machines, Marseille, France, 2–5 september 2012  
ENERGYCON 2012, International Conference on Electrical Machines, Firenze, Italia, 9–12 september 2012  
ECCE 2014, Energy Conversion Congress & Exposition, Pittsburgh, Pennsylvania, USA, 13–18 september 2014

**Experience in academic teaching**

- title of courses given last 5 years, name of University/Institute, subject area, academic level (under-/post-graduate / PhD), results of evaluations (full details in appendix)
- Summary of significant personal achievements in teaching
- Postgraduate supervision (PhD level): number of students supervised in the last five years with subject areas
  - 1- Electrical systems engineering, University of Trento, ING-IND/33, adjunct professor, during academic years 2018/2019, 2019/2020 and 2020/2021 English course.
  - 2- Electrotechnics and electrical machines, University of Bolzano, ING-IND/32, adjunct professor, from academic year 2019/2020, Italian course
  - 3- Industrial electrical applications, University of Bolzano, ING-IND/32, adjunct professor, from academic year 2020/2021, English course
  - 4- Electrotechnics, University of Trento, ING-IND/31, adjunct professor, from academic year 2022/2023, Italian course

**Other academic responsibilities**

- internal appointments to faculty and university boards
- external appointments at national and international level
- responsibilities for organizing conferences/seminars/exhibitions (place, duration, institute)

**Memberships**

Membership of academic or professional bodies (including membership of Editorial Boards of scientific publications; membership of scientific committees for international conferences)

**Research and scholarships**

- Summary of current research and scholarship
- Summary of research and scholarship during the previous five years
- Summary of significant achievements in research and scholarship
- Research grants and contracts

