

# Curriculum Vitae

## PERSONAL INFORMATION

Name **ARTURO LORENZONI**  
Address DIPARTIMENTO DI INGEGNERIA INDUSTRIALE DELL'UNIVERSITÀ DI PADOVA, VIA GRADENIGO 6/A, PADOVA  
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[arturo.lorenzoni@gmail.com](mailto:arturo.lorenzoni@gmail.com)  
Sex M  
Nationality Italian  
Date of birth 19/9/1966

## WORK EXPERIENCE

- Dates Octobr 2020 – todate
- Name and address of employer Regional Council of Veneto Region, Palazzo FerroFinì, Venice, Italy
- Type of business or sector Public Administration
- Occupation or position held Councillor, five years term;
- Main activities and responsibilities Speaker of the opposition party.
- Dates July 2017 – July 2020
- Name and address of employer Municipality of Padova, via Municipio 1, 35122 Padova, Italy
- Type of business or sector Public Administration
- Occupation or position held Deputy Mayor, five years term;
- Main activities and responsibilities Holds the responsibility for Urban Development, Private Constructions, Mobility, Digital Agenda, University Relations, Independent Life.
- Dates October 2006 – to date
- Name and address of employer University of Padova, Department of Industrial Engineering, via Gradenigo 6/a, 35131 Padova, Italy, [www.dii.unipd.it](http://www.dii.unipd.it)
- Type of business or sector Higher Education
- Occupation or position held Associate Professor of Energy Economics at the Department of Industrial Engineering;
- Main activities and responsibilities Holds the courses of Energy Economics and Electricity Market Economics. As leader of the Energy Economics Research Group he his coordinating the activity of various doctoral students and grant holders. The research activity is focused on Electricity market economics and policy, renewable energy and energy efficiency investments and the regulation of the energy sector. The research projects are funded by private companies, public programs and National Energy System Research, European research projects (EFONET, European Energy Foresight network (2008), NewBee New behaviors for energy retrofitting of buildings (2012)). He is advisor to various international institutions (Sefep, 2013, Ecofys, 2013).
- Dates (from – to) January 1997 – July 2017
- Name and address of employer IEFE, Centre For Research on Energy and Environmental Economics and Policy of Bocconi University, via Roentgen 1, 20122 Milan
- Type of business or sector Research in Energy Economics
- Occupation or position held Senior Research fellow
- Main activities and responsibilities He is coordinating research projects at national and international levels; participant (RESHAPE Reshaping Renewable Energy Support in EU member states, 2008, SESSA, Electricity Sector Strategic Support Action, 2005, ENER, European Network on Energy Economics Research 1997-2004, Revalue II Renewable Energy Value, 2000, ExternE Externalities of Energy, 1996-1999, FIRE Financing Renewable Energy, 1998), and being coordinator of various EU 5 and 6

FP projects (BlueAge Blue Energy for a Green Europe, 2001, REDS Survey on R&D Spending for Renewable Energy, 2003, Favores, Favouring the Convergence of Renewable Energy Support, 2005)

- **Dates (from – to)** June 2008 – December 2020
- **Name and address of employer** Galileia Srl, Spin off of the University of Padova, Italy,
  - **Type of business or sector** Research and Consultancy in Energy Economics.
  - **Occupation or position held** Founder and Board Member
  - **Main activities and responsibilities** Strategic relations and business development.
- **Dates (from – to)** January 2011 – July 2017
- **Name and address of employer** Enrive SpA, [www.enrive.it](http://www.enrive.it)
  - **Type of business or sector** Investment in Renewable Energy and Energy Efficiency.
  - **Occupation or position held** Board Member
  - **Main activities and responsibilities** Enrive is a company created by Veneto Sviluppo and Sinloc in 2011 for the investments in renewable energy projects. As Board member follows strategic relations and business development. On behalf of the board he is also in the board of two project companies.
- **Dates (from – to)** January 1999 – September 2006
- **Name and address of employer** University of Padova, via Gradenigo 6/a, 35131 Padova, Italy,
  - **Type of business or sector** Higher Education
  - **Occupation or position held** Research fellow, professore Associato
- **Main activities and responsibilities** Teaching and research in the field of Energy Economics.
- **Dates (from – to)** 1995 – to date
- **Name and address of employer** Various organizations
  - **Type of business or sector** Energy Sector
  - **Occupation or position held** Consultant
- **Main activities and responsibilities** Member of the team of international experts within the current EBRD framework contract for Energy Efficiency Policy Dialogue in the SEMed region, awarded in 2013 to Mercados (in partnership with APRlambiente and D'Appolonia)  
Reference person at University of Padova for the Public-Private Partnership platform (PPP) SPIRE (Sustainable Process Industry through Resource and Energy Efficiency) of the European Union.  
  
Nominated by the Italian Minister of Higher Education Alternate representative in the European board of the Programme Committee of the Societal Challenge 5 "Climate action, Resource efficiency and raw materials" of the Horizon 2020 programme.  
  
He worked as a consultant to various Institutions and enterprises, like Fondazione Cariplo, Fundacion Areces, Autorità per l'Energia Elettrica ed il Gas, ENEL, APER, ANCE, ENEA, Confindustria, Confartigianato, Italian Ministry of Economic Development, Municipalities.
- **Dates (from – to)** 1997 – to date
- **Name and address of employer** Various higher education institutions
  - **Type of business or sector** Post graduate programs
  - **Occupation or position held** Professor
- **Main activities and responsibilities** He has been in the Faculty of many post graduate Programs: Venice International University, Scuola S. Anna in Pisa, Master MEDEA at ENI Corporate University, Master MEMAE at Bocconi University, Master RIDEF at Milan Polytechnic, European Energy Institute in Louvain, Kyoto Club

## EDUCATION AND TRAINING

- **Dates (from – to)** 1992 – 1994
- **Name and type of organisation providing education and training** University of Padova
- **Principal subjects/occupational skills covered** Renewable Energy Economics and Regulation
- **Title of qualification awarded** Research Doctorate (Dottorato di Ricerca)

- Level in national classification (if appropriate)

n.a.

- Dates (from – to)

1993– 1994

- Name and type of organisation providing education and training

SPRU, Science Policy Research Unit, University of Sussex, Brighton, UK

- Principal subjects/occupational skills covered

Study Fellow

- Dates (from – to)

1991 – 1992

- Name and type of organisation providing education and training

Scuola Superiore ENI Enrico Mattei, Milan, Italy

- Principal subjects/occupational skills covered

Full time master course at ENI Corporate University

- Title of qualification awarded

MEDEA, Master in Energy and Environmental Economics

- Level in national classification (if appropriate)

n.a.

- Dates (from – to)

1991

- Name and type of organisation providing education and training

College of Engineers

- Principal subjects/occupational skills covered

Abilitation to the profession of Engineer

- Title of qualification awarded

Professional Engineer

- Level in national classification (if appropriate)

120/120

- Dates (from – to)

1985 - 1991

- Name and type of organisation providing education and training

University of Padova

- Principal subjects/occupational skills covered

Laurea in Electrical Engineering

- Title of qualification awarded

Laurea

- Level in national classification (if appropriate)

108/110

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

**Italian**

OTHER LANGUAGES

### ENGLISH

- Reading skills

Excellent

- Writing skills

Good

- Verbal skills

Good

### FRENCH

- Reading skills

GOOD

- Writing skills

BASIC

- Verbal skills

BASIC

SOCIAL SKILLS AND COMPETENCES

HE IS USED TO WORK IN INTERNATIONAL RESEARCH GROUPS AND EASILY MANAGES THE RELATIONSHIP WITH COLLEAGUES AND COLLABORATORS.

HE USED TO PRACTICE SPORT AT THE INTERNATIONAL LEVEL (RUGBY).

ORGANISATIONAL SKILLS  
AND COMPETENCES

HE HAS COORDINATED MANY INTERNATIONAL RESEARCH PROJECTS, BEING RESPONSIBLE OF THE BUDGET AND THE SCIENTIFIC CONTENT.

DRIVING LICENCE(S)

YES

**ADDITIONAL INFORMATION**

JAN 2008 – OCT 2014 VICE-PRESIDENT AND FROM OCT 2014 PRESIDENT AND LEGAL REPRESENTATIVE OF FONDAZIONE FONTANA ONLUS, A NON PROFIT FOUNDATION FOR INTERNATIONAL COOPERATION.

2006 – 2012 AND 2015 ONWARDS: REFERENCE PERSON FOR DISABILITY PROBLEMS FOR THE SCHOOL OF ENGINEERING AT THE UNIVERSITY OF PADOVA.

2015: MEMBER OF THE SCIENTIFIC COMMITTEE OF FONDAZIONE LANZA AND OF THE JOURNAL "ETICA PER LE PROFESSIONI".

HE IS MEMBER OF THE SCIENTIFIC COMMITTEE OF VARIOUS COMPANIES AND ENERGY SAVING COMPANIES (ESCO).

**SELECTED  
PUBLICATIONS**

1. Schwidtal J.M., Agostini, M., Coppo M., Bignucolo, F., Lorenzoni, A., Optimized Operation of Distributed Energy Resources: The Opportunities of Value Stacking for Power-to-Gas Aggregated With PV Applied Energy, APEN-D-22-05790R3. DOI: 10.1016/j.apenergy.2023.120646.
2. Lorenzoni A., Fuels extraction in the Arctic and climate change, pp. 53-62, contribution in a the book, "The Arctic, new political and legal perspectives, edited by A. Pietrobon, Quaderno 6, Giappichelli Editore, ISBN/EAN 978-88-921-2313-7
3. Schwidtal J.M., Zeffin F., Bignucolo F. Agostini M., Lorenzoni A., *Opening the ancillary service market: new market opportunities for energy storage systems in Italy*, DOI: 10.1109/EEM49802.2020.9221871, 2020 17th International Conference on the European Energy Market (EEM) September 2020
4. Schwidtal, J.M.; Agostini, M.; Bignucolo, F.; Coppo, M.; Garengo, P.; Lorenzoni, A. *Integration of Flexibility from Distributed Energy Resources: Mapping the Innovative Italian Pilot Project UVAM. Energies* **2021**, *14*, 1910. <https://doi.org/10.3390/en14071910>.
5. Betto F., Garengo P., Lorenzoni A., *A new measure of Italian hidden energy poverty*, Energy Policy vol 138, March 2020, DOI: [10.1016/j.enpol.2019.111237](https://doi.org/10.1016/j.enpol.2019.111237).
6. Coppo M., Lorenzoni A., Bano L., *Principles of Electricity Markets Economics*, società editrice Esculapio Bologna, doi: 10.15651/9788893851824, ISBN: 8893851822, 272 pp., Marzo 2020.
7. Marzi S., Lorenzoni A., Mysiak J., Farnia L., Dasgupta S., *Competence analysis for promoting energy efficiency projects in developing countries: The case of OPEC*, ENERGY, Volume 189, 15 December 2019, 115996, DOI <https://doi.org/10.1016/j.energy.2019.115996>.
8. Schwidtal J., Bignucolo F., Lorenzoni A., *End-users aggregation: a review of key elements for future applications*, 16th International Conference on the European Energy Market, Ljubljana, 2019, DOI: 10.1109/EEM.2019.8916520
9. Gaspari, M. and Lorenzoni, A. 2020. *Italy: network costs versus decentralised system*. In: Burger, C., Froggatt, A., Mitchell, C. and Weinmann, J. (eds.) *Decentralised Energy — a Global Game Changer*. Pp. 113–132. London: Ubiquity Press. DOI: <https://doi.org/10.5334/bcf.h>. License: CC-BY 4.0
10. M. Cai, N. Cusumano, A. Lorenzoni, F. Pontoni, *A comprehensive ex post assessment of RES deployment in Italy: jobs. Value added and import leakages*, JEPO9447 Energy Policy 110C (2017) pp. 234-245, <https://doi.org/10.1016/j.enpol.2017.08.013> .
11. M. Gaspari, A. Lorenzoni, *The governance for Distributed Energy Resources in the Italian electricity market: a driver for innovation?*, Renewable & Sustainable Energy Reviews 82 (2018) 3623–3632, <https://doi.org/10.1016/j.rser.2017.10.100>.
12. M. Gaspari, A. Lorenzoni, P. Frías, J. Reneses, *Integrated Energy Services for the industrial sector: an innovative model for sustainable electricity supply*, Utilities Policy, DOI: 10.1016/j.jup.2017.03.002 <https://doi.org/10.1016/j.jup.2017.03.002>
13. F. Disconzi, A. Lorenzoni, *ICT Tools to Foster Small-and-Medium-Enterprise Collaboration in the Energy-Retrofitting Sector*, in Bisello, A., Vettorato, D., Stephens, R., Elisei, P. (Eds.), *Smart and Sustainable Planning for Cities and Regions*, Springer, pp 383 – 405, ISBN 978-3-319-44899-2, DOI 10.1007/978-3-319-44899-2, 2017.
14. M. Cai, N. Cusumano, A. Lorenzoni, F. Pontoni: *Rinnovabili: valore aggiunto e occupazione*, in Energia n. 4.2016, dicembre, pp. 40 – 47.
15. A. Lorenzoni, A. Sileo, *Nuove regole e nuove tecnologie*, in Energia per l'Italia, di Giovanni Caprara, Saggi Bompiani, ISBN 978-88-452-7688-0, ottobre 2014, pp. 295 - 302.
16. M. Chiesa, M.G. Perrone, N. Cusumano, L. Ferrero, G. Sangiorgi, E. Bolzacchini, A. Lorenzoni, A. Ballarin Denti, *An environmental, economical and socio-political analysis of a variety of urban air-pollution reduction policies for primary PM10 and NOx: The case study of the Province of Milan (Northern Italy)*, Environmental science & policy 44 (2014) 39 – 50, DOI 10.1016/j.envsci.2014.07.012.
17. Bignucolo F., Lorenzoni A., *Transmission and distribution networks regulation through dedicated cableway plants*, AEIT 2014, 10.1109/AEIT.2014.7002024.
18. F. Disconzi, F. Bignucolo, A. Lorenzoni (2014). *Local Climate Action Plans - Tools to Address Energy Consumption and Improve Environmental Performance of Local Communities*. ECONOMICS AND POLICY OF ENERGY AND THE ENVIRONMENT, vol. 1-2014, FrancoAngeli, ISSN: 2280-7659
19. F. Disconzi, A. Lorenzoni (a cura di), *Politiche locali per il clima*, Francoangeli, 2014, collana Economia e politica dell'energia e dell'ambiente 420.43, ISBN 978-88-917-0579-2 .
20. A. Lorenzoni, *Il risparmio energetico*, ISBN 978-88-15-23741-5, n. 200 collana Farsi un'idea, Il Mulino, Bologna, 2012.
21. A. Lorenzoni, *Le fonti rinnovabili creano o distruggono lavoro in Italia?*, Convegno Annuale della Rivista Economia e Politica industriale/Journal of Industrial and Business Economics, 20 e 21 giugno 2011.
22. A. Lorenzoni, *La sostenibilità come indirizzo agli investimenti nel settore dell'energia*, L'INDUSTRIA / n.s., a. XXXII, n. 2, aprile-giugno 2011 ISSN : 0019-7416, pp 213 – 222 DOI: 10.1430/34905.

March 31, 2023

Signature

