

GIADA FILIPPA PAOLA COLEANDRO

University Academic Curriculum Vitae

Education since leaving school

- 2017 - Bachelor's degree in International Development and Cooperation, University of Bologna (110/110 with honours)
- 2020 - Master's degree in Local and Global Development, University of Bologna (110/110 with honours)
- 2024 - PhD in Sociology and Social Research (GSPS-08/A Economic Sociology and Sociology of Work and Organizations) University of Bologna (Evaluation: Excellent)

Present appointment

- Research Fellow
- Starting date: 15/11/2024
- National context
- Free University of Bolzano
- Responsibilities: The principal aim of this research is to examine community energy initiatives and the social acceptance of future energy solutions. The research activities are as follows: the identification of community-based energy initiatives, encompassing both established energy cooperatives and new ones; the conduct of surveys with energy cooperatives and the general public; and the examination of public perceptions of the hydrogen economy.

Professional experience

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
09/2017-06/2018	Academic tutor for the Bachelor's Degree in International Development and Cooperation	University of Bologna	Bachelor's Degree	Student assistant, academic orientation, support for teaching activities.
09/2019-12/2019	Guidance tutor	University of Bologna	Bachelor's Degree	Support and orientation for students
09/2022 - ongoing	Teaching tutor of the course "Sociology of Development"	University of Bologna	Bachelor's Degree	Teaching assistant, preparation of teaching materials
05/02//2024 – 14/11/2024	Research Fellow	University of Bologna	Research	Investigate the potential of participatory dynamics to engage citizens in the construction of an Urban Digital Twin.

12/2023 – 02/ 2024 Occasional collaboration with ART-ER, the Emilia-Romagna agency for territorial development. My role entailed mapping participation experiences with the objective of contributing to the construction of energy communities which have received funds from the Emilia-Romagna Region's Call for Participation in 2022.

Experience in academic teaching

- I delivered a lecture as part of the Critical Technologies module of the First Level Master's Degree in Gender Studies and Politics at the University of Roma Tre (3 hours). The lecture, entitled 'Feminist energies, autonomy and technology from below', formed part of the course curriculum.

Other academic responsibilities

- Responsibilities for organizing conferences/seminars/exhibitions (place, duration, institute)
 - 06/2022 - 05/2023 Part of the organising committee of the conference *I CONVEGNO GIOVANI SISEC*, Università di Catania.
 - 01/2022 – 05/2022 Part of the organising committee of the seminar series: *Oltre i miti del digitale: lavoro e nature in transizione*, Università di Bologna
 - 11/2020 – 06/2021 Part of the organising committee of the seminar series: *Mappe del Sociale. Temi, problemi e linee di ricerca per esplorare il capitalismo delle infrastrutture* Università di Bologna.

Memberships

- Member of the research group C.I.Do.S.Pe.L. - (International Centre for Documentation and Sociological Studies on Labour Problems) at the Department of Sociology and Business Law, University of Bologna

Research and scholarships

- Post-doctoral research at the Alma Mater Research Institute for Human-Centered Artificial Intelligence - (Alma AI) working on the project "Digital Twin: Governance and Valorisation of Data Assets". I am a member of the research group that is developing the methodology for stakeholder engagement throughout the entire process of developing and implementing an Urban Digital Twin.
- I was a member of the research group working on the Horizon 2020 project GRETA (Green Energy Transition Action). I have contributed to a qualitative study on the issues surrounding the transition to a more sustainable energy system, as well as the factors that facilitate or impede the development of forms of energy citizenship.
- My doctoral research has primarily focused on the study of energy transition processes, with a particular emphasis on the topic of energy decentralisation in Italy. In this context, I have examined the introduction of renewable energy communities as a sociotechnical innovation with the potential to elucidate the characteristics of this process. I have conducted research on energy communities at both the national level, examining various experiences of energy communities, and the local level, where I have undertaken a more detailed qualitative investigation of a pilot project. During my PhD, I had the opportunity to spend several months in esteemed research groups abroad. I spent four months at the Urban Futures Studio, hosted by Utrecht University. I subsequently spent three months at the Laboratoire Pacte at the University of Grenoble. Both periods were funded by a scholarship.
- Research grants and contracts

Date granted	Award Holder(s)	Funding Body	Title	Amount received
01/10/2020	Giada Coleandro	University of Bologna	PhD Scholarship – (3 years)	15.343,28 euro (gross annual amount)
20/07/2022	Giada Coleandro	University of Bologna	Marco Polo Scholarship for research abroad (visit to	3.450 euro

			the Netherlands)	
30/07/2023	Giada Coleandro	University of Bologna	Marco Polo Scholarship for research abroad (visit to France)	3.450 euro
05/02/2024	Giada Coleandro	University of Bologna	Research Fellowship (1 year)	19.367,13 euro (gross annual amount)

Publications

- Chapters in books:
 - Coleandro, G. (2022). Cittadinanza ed energia: una relazione in divenire, in: Menditto, P., Pizzirani, S. (eds). *Le strade della cittadinanza. Le società europee tra benessere e mobilità*, Bologna, Bologna University Press, pp. 77 – 96
 - Coleandro, G. (2022) Dalle leggi della termodinamica ai nuovi saperi energetici, in: Dividus et al. (eds). *Itinerari del sapere Teorie e pratiche della conoscenza in età contemporanea*, Roma, Carocci editore, 2022, pp. 29 - 36
 - Coleandro, G. (2024). Decentrare le infrastrutture: le promesse della transizione energetica, in: Borghi, V, Leonardi, E. (eds). *Il sociale messo in forma Le infrastrutture come cose, processi e logiche della vita collettiva*, Napoli - Salerno, Orthothes Editrice, pp. 259 - 275 *
- Journal articles in refereed academic journals
 - Coleandro, G., Ruggieri, B. (2023). Comunità come solidarietà: la gestione collettiva dell'energia in tempi di (molteplici) crisi, in: «Sicurezza e Scienze Sociali», XI, pp. 101 – 112. DOI: 10.3280/SSS2023-002008*
 - Coleandro G. (2024). An institutional perspective on Renewable Energy Communities as instruments for the energy transition, in «Culture della Sostenibilità», 33, pp.100-113. DOI 10.7402/CDS.33.05*
 - Borghi, V. Coleandro, G., Ruggieri, B. (2024). Evolving geometries. Power, territory, and knowledge in the infrastructure of energy communities, in «Rassegna Italiana di Sociologia», 2, pp.287-313. DOI: 10.1423/114121*
- Journal articles in professional journals:
 - Coleandro, G. Ruggieri, B. (2023). Poveri e senza energia. *Colpa della povertà, Jacobin Italia N°18*.
- Official reports (whole or part):
 - Ruggieri, B., Coleandro, G., Van Ooij, C., Kantel, A., Annala, S. (2021). Vision document on energy citizenship-based Energy Union (persons, essays, scenarios, winners and losers of energy transitions). D1.2 of the Horizon 2020 project GRETA, EC grant agreement no. 101022317, Bologna, Italy
- Other publications:
 - Coleandro, G. (2024) Review to: Pellizzoni L. Cavalcare l'ingovernabile. Natura, neoliberalismo e nuovi materialismi. Napoli-Salerno: Orthothes, 2023, in «Sociologia Urbana e Rurale», 133, pp. 170 - 171

Further data

- Presentations at scientific conferences over past 3 years
 - 31/08/2021 – 03/09/2021: *ESPANET Conference. Up for the Future? Social policies in challenged societies.* Faculty of Social Sciences - KU Leuven. Title of the presentation: "Which energy futures? An exploration of energy communities as eco-social policies."
 - 01/12/2021: *Seminario nazionale dei Dottorandi e delle Dottorande in Scienze politiche.* Università di Pisa. Title of the presentation: "Dalle leggi della termodinamica ai nuovi saperi energetici."
 - 09/12/2021 – 11/12/2021: *VI Conferenza Nazionale Dottorandi in Scienze Sociali,* Università degli Studi di Napoli Federico II. Title of the presentation: "Comunità energetiche rinnovabili: dalle leggi della termodinamica ai nuovi saperi energetici."
 - 14/06/2022 – 17/06/2022: *14th Conference of the European Society for Ecological Economics: Which labor for the ecological transition?* Università di Pisa. Title of the presentation: "Voicing' Earth. Extractivism in Portugal and the ambivalence of ecological transition" (w/ Giorgio Pirina, Luca Onesti).
 - 19/07/2022 – 22/07/2022: *4th International Conference Smart and Sustainable Planning for Cities and Regions.* Eurac Research – Bolzano. Title of the presentation: "To energy communities and beyond: rethinking energy systems through a mutual aid approach" (w/ Beatrice Ruggieri).
 - 01/09/2022 – 03/09/2022: *XV Conferenza ESPANet Italia "La sfida del PNRR. La ricostruzione del welfare e le dinamiche della complessità,"* Università di Bari. Title of the presentation: "Shrinking the eco-social divide: the case for energy citizenship in Bologna" (w/ Beatrice Ruggieri).
 - 22/09/2022 – 24/09/2022: *1° Convegno SISAM la storia ambientale in Italia: metodi e percorsi di ricerca.* Università di Catania. Title of the presentation: "Decentralizzare fa rima con deresponsabilizzare? Cittadinanza e trasformazione dei sistemi energetici."
 - 18/10/2022: *Pensare la discontinuità. Le scienze umanistiche e sociali di fronte al riscaldamento globale e alla crisi ecologica,* Università di Parma. Title of the presentation: "Verso le comunità energetiche e oltre: ripensare i sistemi energetici attraverso relazioni solidali e di mutuo aiuto" (w/ Beatrice Ruggieri).
 - 08/02/2023 – 11/02/2023: *Sisec 2023 Scienze Sociali che cambiano per una società che cambia.* Università di Brescia. Title of the presentation: "Comunità energetiche radicali e solidali: strategie per futuri energetici incerti."
 - 22/06/2023: *Workshop Collective energy initiatives: per un'analisi sociologica critica.* Università degli Studi di Napoli Federico II. Title of the presentation: "Energy transitions, decentralization, and public policy: the role of energy communities."
 - 06/09/2023 – 08/09/2023: *Energy, Environment and Societies in Crises. ESA RN12 mid-term and Energy and Society Network 6th international joint conference.* Università di Trento. Title of the presentation: "The promise of energy decentralization."
 - 27/08/2024 – 30/08/2024: *16th ESA Conference Tension, Trust and Transformation.* University of Porto. Title of the presentation: "From Grid To Ground: Understanding Knowledge Dynamics In An Energy Community Project."
 - 04/09/2024 – 05/09/2024: *Workshop: Are low-carbon futures decentralized? Visions and praxis in governing collective electric systems.* Fridtjof Nansen Institute, Oslo. Title of the paper: "Halfway to Decentralisation? Understanding the Energy Paradigm Shift in Italy."

Statement of interest

- My background is firmly rooted in qualitative research, which I developed through my research on the energy community and energy citizenship in Italy. My research interests are focused on elucidating the interplay between the broader societal organisation and the energy system. In particular, my research interests lie in the examination of how decentralisation processes may facilitate a substantial transformation in the organisation of energy systems, and in the analysis of the broader social and political implications of such a transformation. Concurrently, I am interested in examining how the prevailing and centralized energy system is structured to resist change and how incumbent actors strive to maintain their privilege. I posit that renewable energy communities represent a sociotechnical configuration that may offer insights into the potential evolution of these processes. It is thus my objective to examine how sociotechnical changes can be implemented in a manner that ensures a more democratic and equitable transition for all. I have previously conducted research with energy practitioners, communities and local authorities I am particularly interested in the potential of energy communities in South Tyrol, given the region's unique legacy of historic energy cooperatives. Additionally, I aim to explore the role of proposed future energy alternatives in the area, such as hydrogen, in supporting this transition. Furthermore, I have had the opportunity to work with interdisciplinary research groups. This experience has contributed to my professional development as a researcher, enabling me to engage with diverse forms of academic knowledge and to gain familiarity with a range of research methodologies.

**Language
competence**

- English: Written C1; Spoken C1
- Spanish: Written B2; Spoken B2
- French: Written A2; Spoken B1

Date 08/11/2024

Giada Filippa Paola Coleandro