



EU FORMAT FOR CURRICULUM VITAE



WORKING EXPERIENCES:

TECHNICIAN

- Period
- Name and address of the employer
- Sector
- Type of employment
- Main tasks and responsibilities

November 2022 – Now

Department of agricultural and food sciences (DISTAL) - University of Bologna
Viale Fanin 40-50, 40127 Bologna (BO)

Public education and research

Permanent position

Planning and follow up of several EU financed project (CARINA, GOLD, MIDAS, SCOOP, IASIS, EDAPHOS, ICARUS)

POST-DOC

- Period
- Name and address of the employer
- Sector
- Type of employment
- Main tasks and responsibilities

November 2019 – October 2022

Department of agricultural and food sciences (DISTAL) - University of Bologna
Viale Fanin 40-50, 40127 Bologna (BO)

Education and research

Temporary

Integrated cropping systems management for advanced biofuel production in the framework of several EU projects (BECOL, GOLD, MIDAS, SCOOP)

ADJUNCT PROFESSOR

- Period
- Name and address of the employer
- Sector
- Type of employment
- Main tasks and responsibilities

2022/23 – Now

Department of agricultural and food sciences (DISTAL) - University of Bologna
Viale Fanin 40-50, 40127 Bologna (BO)

Public education and research

Temporary

Teaching. Course: herbaceous crops. Bachelor in agricultural technology (20 hours).

ADJUNCT PROFESSOR

- Period
- Name and address of the employer
- Sector
- Type of employment
- Main tasks and responsibilities

2020/21 and 2021/22

Department of agricultural and food sciences (DISTAL) - University of Bologna
Viale Fanin 40-50, 40127 Bologna (BO)

Public education and research

Temporary

Teaching. Course: herbaceous crops. Bachelor in animal production (30 hours).

INTERNSHIP

- Period
- Name and address of the employer
- Sector
- Type of employment

March 2016 – August 2016

Alltech Italy

Via Giuseppe Parini 1, Casalecchio di Reno (BO)

Plant and animal nutrition

agronomist

Per ulteriori informazioni:

www.cedefop.eu.int/transparency

www.europa.eu.int/comm/education/index_it.html

www.eurescv-search.com

- Main tasks and responsibilities

Alltech crop science research and distribution of biostimulants.

GARDENER

- Period
- Name and address of the employer
- Sector
- Type of employment
- Main tasks and responsibilities

February 2015 – April 2015

Consolidated Horticultural Services
3-5 Barrett Street, 3031 Kensington, VIC, Australia.
Landscape design and maintenance
Gardener

Landscape design and maintenance

EDUCATION

PhD

- Date
- Institution
- Subjects
- Status

November 2016 – October 2019

Alma Mater Studiorum, University of Bologna
Agricultural, Environmental and Food Science and Technology
Thesis title: "Modelling new sustainable cropping systems for advanced biofuel production"
PhD in Agricultural, Environmental and Food Science and Technology

AGRONOMIST

- Date
- Institution
- Subjects
- Status

2015

Alma Mater Studiorum, University of Bologna
Agronomy and Agro-forestry
Licensing to work freelance as Agronomist

MASTER OF SCIENCE

- Date
- Institution
- Subjects
- Status
- Evaluation

2009/10 – 2011/12

Alma Mater Studiorum, University of Bologna
Thesis title: "Principi di progettazione del verde sportivo: il caso della Club House del Golf Club Bologna"
Planning and management of agro-territorial, forest and landscape
110 cum laude

PERSONAL SKILLS

MOTHER TONGUE

ITALIAN

OTHER

- READING
- WRITING
- SPEAKING

ENGLISH

C1
C1
C1

OTHER

- READING
- WRITING
- SPEAKING

SPANISH

A2
A2
A2

PROFESSIONAL SKILLS	Use of research instruments: EGM-4, CIRAS, Li-COR, SPAD, ceptometer e fluorimeter
DIGITAL SKILLS	Software: Office, QGIS, Autocad e Photoshop. Statistical software: R Studio, Costat, Statistica. Models: Cropsyst
PUBBLICATIONS	Mastroberardino, R., Zanetti, F., Sessa, M. G., Ferreira, A., Parenti, A., Ferioli, F., & Monti, A. (2026). On Farm Camelina Performance on Salt-Affected Mediterranean Coastal Soils: Evidence from Northeastern Italy. <i>Agronomy</i>, 16(3), 340. https://doi.org/10.3390/agronomy16030340 Peroni P., Zegada-Lizarazu W., Facciolla E., Parenti A., Mench M., Monti A. (2025). Pairing energy crops and root biostimulants for phytomanaging a former landfill. <i>Industrial Crops and Products</i>, 235. DOI: 10.1016/j.indcrop.2025.121706 Dussan, K., Hoek, M., Vrije, T. De, Vondervoort, R. Van De, Bonouvrie, P., Caliskan, R., Parenti, A., Zegada-lizarazu, W., Monti, A., Smit, A. T., & Ana, M. L. (2025). Performance of mild acetone organosolv fractionation on lignocellulosic feedstocks from new cropping systems for production of advanced bioethanol. <i>Industrial Crops & Products</i>, 223(November 2024). https://doi.org/10.1016/j.indcrop.2024.120156 Parenti A., Zegada-Lizarazu W., Dussan K, López-Contreras A., Vrije T., Staritsky I., Elbersen B., Annevelink B., Di Fulvio F., Oehmichen K., Dögnitz N., Monti A. 2024. Advanced Biofuel Value Chains Sourced by New Cropping Systems With Low iLUC Risk. <i>GCB Bioenergy</i>. DOI: 10.1111/gcbb 70000. Parenti, A., Zegada-Lizarazu, W., & Monti, A. (2024). Relay-cropping enhances the availability of low iLUC risk lignocellulosic feedstock for advanced biofuels. <i>Industrial Crops & Products</i>, 219(June), 118998. https://doi.org/10.1016/j.indcrop.2024.118998 Zegada-Lizarazu, W., Parenti, A., Peroni, P., & Monti, A. (2024). Sunn hemp, a tropical legume species, as an alternative bioenergy feedstock in temperate climates. <i>Biomass and Bioenergy</i>, 183(February), 107114. https://doi.org/10.1016/j.biombioe.2024.107114 Zegada-Lizarazu, W., Parenti, A., & Monti, A. (2023). Biomass potential of sunn hemp grown as double crop following conventional winter cereal(s) in a reduced soil tillage system. <i>Conference EB</i> 47–49 Parenti, A., Zegada-Lizarazu, W., & Monti, A. (2023). Yield, quality and soil organic carbon dynamics of food and energy crop rotations for advanced biofuels production. <i>Conference EB</i> 50–53. Parenti, A., Zegada-Lizarazu, W., Pagani, E., & Monti, A. (2022). Soil organic carbon dynamics in multipurpose cropping systems. <i>Industrial Crops & Products</i>, 187(PA), 115315. https://doi.org/10.1016/j.indcrop.2022.115315 Meijninger, W., Elbersen, B., van Eupen, M., Mantel, S., Ciria, P., Parenti, A., Sanz Gallego, M., Perez Ortiz, P., Acciai, M., Monti, A., (2022). Identification of early abandonment in cropland through radar-based coherence data and application of a Random-Forest model. <i>GCB Bioenergy</i>. https://doi.org/10.1111/gcbb.12939 Di Francesco, A., Aprea, E., Gasperi, F., Parenti, A., Placì, N., Rigosi, F., Baraldi, E. (2022). Apple pathogens: Organic essential oils as an alternative solution. <i>Sci. Hortic. (Amsterdam)</i>. 300, 111075. https://doi.org/10.1016/j.scienta.2022.111075 Zegada-Lizarazu, W., Carvalho, J. L. N., Parenti, A., Tenelli, S., Martín Sastre, C., Ciria, P., Christou, M., Alexopoulou, E., Bonomi, A., & Monti, A. (2022). The effects of integrated food and bioenergy cropping systems on crop yields, soil health, and biomass quality: the EU and Brazilian experience. <i>GCB Bioenergy</i>, 0–3. https://doi.org/10.1111/gcbb.12924

Per ulteriori informazioni:

www.cedefop.eu.int/transparency

www.europa.eu.int/comm/education/index_it.html

www.eurescv-search.com

Zegada-Lizarazu, W., Parenti, A., & Monti, A. (2021). Intercropping grasses and legumes can contribute to the development of advanced biofuels. *Biomass and Bioenergy*, 149, 106086. <https://doi.org/10.1016/j.biombioe.2021.106086>

Parenti, A., Cappelli, G., Zegada-Lizarazu, W., Martín, C., Christou, M., Monti, A., & Ginaldi, F. (2021). SunnGro: A new crop model for the simulation of sunn hemp (*Crotalaria juncea* L.) grown under alternative management practices. *Biomass and Bioenergy*, 146. <https://doi.org/10.1016/j.biombioe.2021.105975>

Zegada-Lizarazu, W., Parenti, A., Borghesi, A., & Monti, A. (2021). Relay cropping for enhanced food and dedicated lignocellulosic feedstock availability. Conference EB 99–101. doi: 10.5071/29thEUBCE2021-1BO.13.3

Parenti, A., Zegada-Lizarazu, W., Borghesi, A., & Monti, A. (2020). Lignocellulosic crops in rotation with food crops. Conference EB 2018–2020. doi: 10.5071/28thEUBCE2020-1BO.13.4

Parenti A., Zegada-Lizarazu W., Borghesi a., Monti A. (2019) Intercropping dedicated grass and legume crops for advanced biofuel production. Conference EB 105-107. doi: 10.5071/27thEUBCE2019-1BO.9.5

Christou, M., Alexopoulou, E., Monti, A., Zegada-Lizarazu, W., Parenti, A., Carrasco, J., Ciria, C.S., Pari, L., Suardi, A. (2019). Sustainable biomass feedstock options for advanced biofuels. Conference EB 362–365. Doi: 10.5071/27thEUBCE2019-1DV.3.1

Zegada-Lizarazu W., Della Rocca G., Centritto M., Parenti A., Monti A. (2018) Giant reed genotypes from temperate and arid environments show different response mechanisms to drought. *Physiologia Plantarum*, 163 (4), pp. 490-501. doi: 10.1111/ppl.12701

Parenti A., Zegada-Lizarazu W., Monti A. (2018) Evaluation of sunn hemp productivity after wheat under no tillage conditions. Conference EB 366-368. doi: 10.5071/26thEUBCE2018-1DV.5.11

Christou, M., Alexopoulou, E., Monti, A., Zegada-Lizarazu, W., Parenti, A., Carrasco, J., Ciria, C.S., Pari, L., Suardi, A. (2018) Biomass Production and Feedstock Diversification for Advanced Biofuels: the Becool Project. Conference EB 207-208. doi: 10.5071/26thEUBCE2018-1BV.8.26

Parenti A., Lambertini C., Monti A. (2018) Areas with Natural Constraints to Agriculture: Possibilities and Limitations for The Cultivation of Switchgrass (*Panicum Virgatum* L.) and Giant Reed (*Arundo Donax* L.) in Europe. *L Alloc Biomass Crop* 39–63. doi: 10.1007/978-3-319-74536-7_3

CONFERENCES, WORKSHOP, MEETING

- Date **18-21 May 2026**
- Location Marseille (FR)
- Organizer ETA Florence
- Event Conference
- Title Oral presentation “Cumulative soil C emissions of intercrop vs monocrop systems with PGPR application for the production of sustainable biomass. Chairman.

- Date **23-28 June 2024**
- Location Marseille (FR)
- Organizer ETA Florence
- Event Conference
- Title Poster presentation “Strip-intercropping of non-food crops on marginal land: Preliminary results from the MIDAS project”; ‘Assessment of the effect of biostimulants application on *Miscanthus x giganteus* grown in polluted soils via the application of the Arungro model under optimal field and greenhouse condition’; ‘Effect of PGPR application on lignocellulosic crops yield for advanced biofuels’. Chairman.

- Date **18-19 September 2023**

Per ulteriori informazioni:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

- Location Gottingem (DE)
- Organizer DBFZ
 - Event Conference
 - Title 6th Doctoral colloquium bioenergy. Chairman.

- Date **30 August 2023**
- Location Corvallis (Oregon, USA)
- Organizer AAIC
 - Event Conference
 - Title Oral presentation: 'Relay cropping coupling food and bioenergy feedstock production'

- Date **5-9 June 2023**
- Location Bologna (IT)
- Organizer ETA Florence
 - Event Conference
 - Title Oral presentation: 'Yield, quality and soil organic carbon of food and energy crop rotations for advanced biofuel production'

- Date **30 March 2023**
- Location Thessaloniki (GR)
- Organizer CRES
 - Event BIKE project workshop
 - Title Innovative cropping systems to produce low iLUC feedstock: The CARINA and BECOOL projects

- Date **13-16 February 2023**
- Location Paris (FR)
- Organizer ARVALIS
 - Event Training
 - Title Training on Systerre modeling

- Date **18 January 2023**
- Location Graz (AU)
- Organizer EERA Bioenergy Joint Programme Steering Committee Meeting
 - Event Joint Programme Steering Committee Meeting
 - Title Presentation of the granted researchers for the best PhD: 'Modelling new sustainable cropping systems for advanced biofuel production'

- Date **13-14 September 2022**
- Location Leipzig (DE)
- Organizer DBFZ
 - Event Conference
 - Title 5th Doctoral colloquium bioenergy. Chairman.

- Date **8 September 2021**
- Location Aveiro (PT)
- Organizer RRB Committee
 - Event Conference
 - Title 17th International Conference on Renewable Resources and Biorefineries. Oral presentation: "Modelling new sustainable cropping systems for advanced biofuel production"

- Date **17 August 2021**
- Location Web
- Organizer Aapresid Committee
 - Event Conference
 - Title XXIX Aapresid Congress. Oral presentation: 'BECOOL – Brazil-EU Cooperation for Development of Advanced Lignocellulosic Biofuels'

Per ulteriori informazioni:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

- Date **26-29 April 2021**
 - Location Web
 - Organizer ETA Florence
 - Event Conference
 - Title 29th EUBCE (European Biomass Conference). Oral presentation: 'Biomass from non-food land: long term giant reed and switchgrass evaluation as feedstock for advanced biofuel'
-
- Date **20-23 July 2020**
 - Location Web
 - Organizer Società Italiana di Agronomia (SIA)
 - Event Training
 - Title Analisi dei dati delle prove di lungo periodo
-
- Date **6-9 July 2020**
 - Location Web
 - Organizer ETA Florence
 - Event Conference
 - Title 28th EUBCE (European Biomass Conference). Oral presentation: 'Is sunnhemp (*Crotalaria juncea* L.) a valid biomass feedstock alternative in temperate climates?' and 'Agronomic performance of dedicated lignocellulosic feedstocks in rotation with a cereal food crop'
-
- Date **20 November 2019**
 - Location Bruxelles (BE)
 - Organizer European Technology and Innovation Platform (ETIP) Bioenergy
 - Event Meeting
 - Title 9th Stakeholder Plenary Meeting. Oral presentation: 'BECool – Brazil-EU Cooperation for Development of Advanced Lignocellulosic Biofuels'
-
- Date **6 August 2019**
 - Location Streeter (North Dakota, USA)
 - Organizer North Dakota State University
 - Event Workshop
 - Title Grassland field day
-
- Date **25 June 2019**
 - Location Waseca, (Minnesota, USA)
 - Organizer North Dakota State University
 - Event Workshop
 - Title Camelina – soybean relay cropping
-
- Date **17-20 June 2019**
 - Location Casselton – Valley City (North Dakota, USA)
 - Organizer North Dakota State University
 - Event Workshop
 - Title Cover crops
-
- Date **27-30 May 2019**
 - Location Lisbona (PT)
 - Organizer ETA Florence
 - Event Conference
 - Title 27th EUBCE (European Biomass Conference). Oral presentation: 'Intercropping dedicated grass and legume crops for advanced biofuel production'
-
- Date **30 April 2019**
 - Location DISTAL, University of Bologna
 - Organizer Simone Fazio (JRC)

Per ulteriori informazioni:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

- Event Workshop
 - Title Life Cycle Assessment".
-
- Date **18-19 December 2018**
 - Location Vienna (AT)
 - Organizer IIASA (International Institute for Applied Systems Analysis)
 - Event Project meeting
 - Title Oral presentation of BECOOL results, task 1.2 e 1.3
-
- Date **12-14 September 2018**
 - Location Marsala
 - Organizer Società Italiana di Agronomia (SIA)
 - Event Conference
 - Title XLVII Convegno Nazionale della Società Italiana di Agronomia. Poster: 'A crop model-based evaluation of *Crotalaria juncea* productivity under alternative management practices'
-
- Date **12-14 June 2018**
 - Location Firenze
 - Organizer RECORD (Renewable Energy Consortium for R&D)
 - Event Project meeting
 - Title Oral presentation of BECOOL results, task 1.2 e 1.3
-
- Date **14-17 May 2018**
 - Location Copenhagen (DK)
 - Organizer ETA Florence
 - Event Conference
 - Title 26th EUBCE (European Biomass Conference). Poster with visual presentation: 'Evaluation of sunn hemp productivity after wheat under no tillage conditions'.
-
- Date **01 February 2018**
 - Location DISTAL, University of Bologna
 - Organizer Prof. Enrico Muzzi
 - Event Workshop
 - Title Modelli Mixed tra R e SAS Lo strano caso del file plots di "*agricolae*".
-
- Date **24-26 January 2018**
 - Location Atene (GR)
 - Organizer CRES (Center for Renewable Energy Sources)
 - Event Project meeting
 - Title Oral presentation of BECOOL results, task 1.2 e 1.3
-
- Date **6 October 2017**
 - Location CREA-AA
 - Organizer Marcello Donatelli
 - Event Workshop
 - Title Introduzione operativa ad applicazioni BioMA
-
- Date **28 – 29 June 2017**
 - Location Bologna
 - Organizer UNIBO
 - Event Project meeting
 - Title Kick off meeting EU BECOOL project
-
- Date **12-16 June 2017**
 - Location Università della Tuscia (VT)
 - Organizer Società Italiana di Agronomia

Per ulteriori informazioni:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

• Event	Training course
• Title	Modelli lineari e approfondimenti su <i>Partial Least Square Regression</i>
• Date	23 May 2017
• Location	DISTAL, University of Bologna
• Organizer	Prof. Andrea Monti
• Event	Workshop
• Title	Cultivation of switchgrass and giant reed on areas with specific constraints
PROJECT	2017 - 2022: BECOOL (Horizon 2020). 2020 - 2024: UNTWIST (Horizon 2020) 2020 - 2021: MAGIC (Horizon 2020) 2021 - 2024: GOLD (Horizon 2020) 2022 – today: CARINA (Horizon Europe) 2022 – today: MIDAS (Horizon Europe) 2022 – 2025: SCOOP (CORE Organic) 2023 – today: EDAPHOS (Horizon Europe) 2023 – today: ICARUS (Horizon Europe) 2023 – today: MicroBiome4Soy (Horizon Europe) 2024 – today: IASIS (Horizon Europe) 2025 – today: RUNFASTER (Horizon Europe) 2025 – today: WATERMELLON (Horizon Europe)
HOBBIES	Sports: swimming, crossfit. Founder of a hemp company to produce CBD and fiber. (IG-FB: settepunte.sativa).

I hereby authorize the use of my personal data in accordance to the gdpr 679/16

BOLOGNA, 05/08/2026

ANDREA PARENTI

Andrea Parenti