



**Fabiana
Rovera**

november 2022

**Professional
Scientific
Curriculum**



Systemic Designer & Research Fellow

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Professional Profile

I am a Systemic Designer (and a Product Designer) always looking for new experiences and projects, especially to deepen and develop new vertical and horizontal skills in the professional and research field.

My background features several experiences in the field of systemic design (development of production/industrial systems and qualitative social systems), Circular Economy, development of projects in the field of social and educational innovation and projects concerning the narration and communication of environmental sustainability for different types of targets, both public and private.

Competences

COMMUNICATION AND INTERPERSONAL SKILLS

Transversal skills - Thinking

- Systemic thinking
- Lateral and reflective thinking
- Creative thinking
- Problem thinking/problem solving

Transversal skills - Behavioural

- Ambitious and able to work independently or in a team
- Capable of developing strategies from a problem solving perspective

ORGANISATIONAL SKILLS

Transversal skills - Collaborative and organisational

- Ability to organise time in relation to the tasks to be performed
- Ability to set priorities while respecting objectives and deadlines
- Professional adaptability and flexibility

DIGITAL SKILLS

Office Suite (Word, Excel, PowerPoint, etc.) | Photo and video editing | Excellent knowledge of the Adobe Suite (Photoshop, Illustrator, Indesign) | Excellent knowledge of the 2D design software AutoCad | Good knowledge of the modelling software Rhinoceros 3D | 3D modelling, animation and rendering (Blender)

Language Skills

Native language: Italian

		English	French
Understanding	Listening	B2	B1
	Reading	B2	B1
Oral expression	Oral Production	B2	A2
	Oral Interaction	B2	A2
Writing		B2	A2

CEFR, Common European Framework of Reference for Languages.
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Experience...

2017

Play ADV Srl / Curricular Internship, Product Design

22/05/2017 - 30/07/2017, Centallo, Italy

- Research, development, home staging design and prototyping
- Prototyping of triple-wave cardboard bags and gift boxes

2019...

Politecnico di Torino / Teaching Support in the Open Systems Module - Systemic Design

03/2019 - 07/2019, Torino, Italy

Part-time collaboration (40 hours)

Full lecturer: Silvia Barbero

Teaching support activities:

- supporting students during classroom reviews; mentoring three project teams (below, theme + company):

Coffee transformation

(in collaboration with COSTADORO SPA)

Beer production and transformation

(in collaboration with Baladin S.r.l.)

Wine production and transformation

(in collaboration with Ariano & Ariano Associati S.A.S.).

- assisting to students during classroom exercises and during oral examinations;
- production of learning materials for lectures.

...Experience

... 2019

Politecnico di Torino / DAD virtuaLAB support - (Mirafiori Headquarters)

03/2019 - 07/2019, Torino, Italy

Part-time collaboration (100 hours)

Scientific Responsible: Fabrizio Valpreda

Technical Responsible: Alessandro Dentis

Laboratory support activities:

- preparing, maintaining or rearranging the documentation or tools needed for laboratory tests and for the management of the laboratory;
- collaborating in the making of debates, exhibitions, reviews, exhibitions featuring students' work, within the University:

Virtual Talk (with Alessandro Campanella)

debate development, social and internal communication within the University for Virtual Talk Aurelio XIX: *Systemic Exploration. The LM in Systemic Design told by those who have experienced it*

- supervising the correct use of the equipment in the laboratory, assisting users during their laboratory activities, minor maintenance, etc.)

<https://www.facebook.com/virtualab.polito/>

Politecnico di Torino / Teaching Support in the Scenario Design Module - Environmental Product Requirements

10/2019 - 01/2020, Torino, Italy

Part-time collaboration (30 hours)

Full lecturer: Silvia Barbero

Teaching support activities:

- supporting students during classroom reviews;
- assisting to students during classroom exercises and during written examinations;
- production of learning materials for lectures;
- developing and presenting a lecture/discussion for the course:

News

Communicating sustainability. Environmental certifications.

...Experience

...2019

Politecnico di Torino / DAD virtualLAB support - (Mirafiori Headquarters)

10/2019 – 02/2020, Torino, Italy

Part-time collaboration (100 hours)

Scientific Responsible: Fabrizio Valpreda

Technical Responsible: Alessandro Dentis

Laboratory support activities:

- preparing, maintaining or rearranging the documentation or tools needed for laboratory tests and for the management of the laboratory;
- collaborating in the making of debates, exhibitions, reviews, exhibitions featuring students' work, within the University:

Virtual Talk

social and internal communication within the University for the Virtual Talk
RAW FX images acquisition for digitalisation by Emanuele Ingrosso

Festival della Tecnologia 2019

(with Eva Vanessa Bruno, Alessandro Campanella, Federico Citarda)
social communication and presentation of the Laboratory to visitors

- supervising the correct use of the equipment present in the laboratory, assisting users during their laboratory activities, minor maintenance, etc.).

<https://www.facebook.com/virtualab.polito/>

Politecnico di Torino / Teaching in the Module Design III - Exploration Design

10/2019 – 02/2020, Torino, Italy

Part-time collaboration (40 hours)

Full lecturer: Beatrice Lerma

Teaching support activities:

- supporting students during classroom reviews;
- assisting to students during classroom exercises and during written examinations;
- collecting and archiving project materials and course outcomes;
- production of learning materials for lectures.

...Experience

2021...

Politecnico di Torino / INTERNATIONAL ONLINE COURSE: MULTITRACES - Multidisciplinary training in circular economy and smart valorisation of rural area for new business models

02/2021 - 03/2021, Torino, Italy

Role: Trainer

(with Silvia Barbero, Amina Pereno ed Asja Aulizio)

Support activities for teaching and exercises:

- developing learning material for exercises and lessons of online course;
- reviewing student's projects and leading the mini-challenge on natural porous materials (How can natural fibres be transformed into sound-absorbing panels using a systemic approach?).

University of Gastronomic Sciences / PASS - Piedmont and Academy for Sustainable Development

03/2021 - 07/2022, Pollenzo (CN), Italy

Role: Research Collaborator

Scientific Coordinator: Franco Fassio

Other Universities involved in the project: UniTO, PoliTO, UPO

The project aims to:

- strengthen regional governance for sustainable development, defining new collaborative models University-Region;
- increase the contribution of the Piedmontese university system to SRSvS;
- consolidate the role and involvement of the entire regional university system in the elaboration and implementation of the SRSvS; defining a system of collaborations capable of producing contributions that are both analytical and perspective, of future vision, and operational, of support, experimentation and dissemination of policies, and scientific, of interaction between research objectives and territorial priorities in the field of sustainable development.

University of Gastronomic Sciences / RUS Nazionale and RUS Piemonte

03/2021 - in corso, Pollenzo (CN), Italia

Participating in the Working Groups of the RUS Nazionale (<https://reterus.it/>) and at the RUS Piemonte round table.

...Experience

... 2021

University of Gastronomic Sciences / "Pollenzo Sistemica" Project

03/2021 - ongoing, Pollenzo (CN), Italy

Role: Project Researcher for Sustainability
Scientific Coordinator: Franco Fassio

Main activity:

- defining a shared strategy for the sustainable development of Pollenzo Campus. The "Pollenzo Sistemica" project is a sustainability project applied to the "Pollenzo system"; the aim is to make these places a national and international reference point for applied sustainability, demonstrating "coherence" between the messages conveyed through teaching, research and third mission (content) and the host structures (container).

IAAD. - Istituto d'Arte Applicata e Design / Lecturer / Course: Design dei sistemi - Social Innovation Design

10/2021 - ongoing, Torino, Italy

1st year: completed. Lectureship (36 hours)

2nd year: in progress. Lectureship (36 hours)

(Total course hours 72, co-teaching with Alessandra Savina)

The study of the Systemic Design methodology, as well as the concept of Circular Economy, for the implementation of innovative projects within the social fabric (focus on social innovation, information flows, the valorisation of territorial skills and the know-how of the actors characterising specific realities).

Teaching activities:

- producing learning material for the course exercises and lectures;
- defining and developing workshop activities using a learning by reading, doing and understanding approach;
- monitoring and reviewing the students and their project.

2022 ...

University of Gastronomic Sciences / FISH - Hydrolysed Fertiliser Soil and Habitat

01/2022 - 06/2022, Pollenzo (CN), Italy

Role: Research Collaborator

Scientific Coordinator: Franco Fassio

The research aims to:

- support the development of circular economy strategies for food applied to the case study by analysing costs and benefits of the circular initiative;
- outline the economic, environmental and social benefits developed directly or indirectly by the project;
- develop communication, from a circular perspective, directed for the involved stakeholders and society at large.

University of Gastronomic Sciences / Sustainability Report

07/2022 - ongoing, Pollenzo (CN), Italy

Role: Activities Coordinator

Scientific coordinator: Franco Fassio

Main activities:

- planning, management and control of project activities;
- active involvement of key internal and external stakeholders;
- collection, acquisition and development of data to be reported;
- verifying the achievement of Sustainability Report goals defined with the University;
- verifying the consistency between the objectives and the obtained results;
- identification of tools and/or approaches useful for defining a long-term reporting strategy;
- outlining the information and tools useful to support the management of sustainable strategies.

...2022

ITS Agroalimentare per il Piemonte - SUSTAINABILITY IN THE FOOD SECTOR - Training Unit: Design for Sustainable Development Course: Systemic Design

10/2022 - ongoing, Torino, Italia

Lectureship (20 ore)

(Total course hours 28, Co-teaching in collaboration with Alessandra Savina)

The course aims to provide students with the theoretical, methodological and design tools useful for facing the complexity that characterises the challenges of the current agri-food scenario, paying particular attention to the themes of environmental, social, economic and cultural sustainability. In particular, the course will investigate how it is possible, thanks to Systemic Design, to transform the current agrifood production model from linear to systemic.

Teaching activities:

- producing learning material for the course exercises and lectures;
- defining and developing workshop activities;
- monitoring and reviewing the students and their project.

University of Gastronomic Sciences / SF4C - SchoolFood4Change

European Union - Horizon 2020 / H2020-EU.3.2. - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

11/2022 - ongoing, Pollenzo (CN), Italy

Role: Research Fellow

Scientific Coordinator: Franco Fassio

The project aims to:

- see schools as the catalysts for a systemic change towards a sustainable and healthy food system: children are the adults of the future and the goal of SF4C is to achieve a long-term systemic transformation, benefiting both people and the planet;
- ensure a favourable educational environment through an innovative food approach for the school system;
- develop sustainable and healthy diets on a large societal scale, directly impacting over 3,000 schools and 600,000 school-age children in 12 EU countries, providing scalable and replicable best practices across all EU countries.

Education

2014

Liceo Artistico "EGO BIANCHI" - Experimental architecture and design / Diploma state exam

2009 - 2014 - Corso Alcide de Gasperi, 11, Cuneo , Italy

Fields of study: artistic disciplines and humanities

Final grade: **85/100**

2018

Politecnico di Torino / BACHELOR DEGREE IN DESIGN AND VISUAL COMMUNICATION

2014 - 2018 - Corso Luigi Settembrini, 178, Torino, Italy

Field of study: Product Design

| Chemical sustainability of processes and materials | Project representation | Concept Design | History I | Scenario design | Exhibit design | History II | Perception and visual communication | Exploration Design | Design for industrialisation | Sustainable vision in architectural interiors |

Final grade: **105/110**

Thesis Title: *"Environmental system and product certifications. Analysing the state of the art and new communication strategies"*

Supervisor: Paolo Marco Tamborrini

Co-Supervisors: Silvia Barbero, Amina Pereno

2021

Politecnico di Torino / MASTER'S DEGREE IN SYSTEMIC DESIGN

2018 - 2020 - Corso Luigi Settembrini, 178, Torino, Italy

Field of study: Systemic Design

| Innovation | Cognitive Psychology | Social Design Workshop | Open Systems | Product Components | Virtual Design |

Final grade: **110 e lode/110**

Title of thesis: *"Educating to Circularity. Education as a social tool for the transition towards the Circular Economy in the rural context"*

Supervisor: Paolo Marco Tamborrini

Co-Supervisors: Silvia Barbero, Amina Pereno

2018

InnovaEco-Pack - InnovaEcoFood Workshop for the design of packaging for healthy products

April 2018 - July 2018, Torino, Italy

Project by Innovation Design Lab

In collaboration with Annalisa Ponti, Alberto Ferraris and Tuttovo Srl

The workshop **InnovaEco-Pack** was part of the **InnovaEcoFood** (funded by POR FESR PIEMONTE 2014-2020), developed for the realisation of zero-waste supply chains according to the principles of Systemic Design and a Circular Economy perspective.

Objectives of the Workshop:

- to analyse the consumption scenario of vegan, organic, gluten-free food sauces and their packaging;
- to define new communication strategies;
- to develop a mock-up and prototyping final product for a consumer panel.

Developed project:

Esperimenta, packaging for vegan and wholefood sauces.

2019

Life on Wall Design Workshop

4 - 8 Marzo 2019, Torino, Italia

Project curated by Elena Comino e Andrea Vigetti

In collaboration with Pablo Ciancio, Chiara Miglietti, Annalisa Ponti e Maria Chiara Tortia

The **Life on Wall** workshop aimed to design and build indoor, free-standing green walls, as part of the **ProGReg Living Lab** project in Mirafiori Sud.

ProGReg, a project funded by the European Commission within the Horizon 2020 programme, aims to refocus on natural capital for the urban regeneration of post-industrial areas in Europe and Asia (China).

Developed project:

Florimpara, an indoor green wall.

2013

Exhibition

"Forms of Contemporary Art Comparing Generations"

2013, Sala mostre della Provincia di Cuneo, Italy

2016...

Exhibition

"Progettare Antispreco"

SalonedelGusto: Save Bag

22 - 26 settembre 2016, Torino, Italia

The **"Save Bag"** was born from the collaboration between Cuki and Politecnico di Torino on the topic of the recovering and the valorisation of food leftovers. The concepts and prototypes of "Save Bag" were developed by the students of course in Design and Communication A.A. 2014-2015.

Project: **BitBag**

In collaboration with Ilaria Marchisio, Laura Tarò and Nicolò Vallauri

Research project by:

Marco Bozzola and Claudia De Giorgi

Mostra "UN SACCO DI SPORT&INGENIO"

Projects realised through the recovery of promotional materials of the event "TORINO CAPITALE EUROPEA DEL SPORT"

2016, Torino, Italy

"Un sacco di sport" is a research project on the topics of Circular Economy, social cohesion and empowerment of organisations. The promotional supports of the event TORINO 2015 CAPITALE EUROPEA DELLO SPORT were the subject of an experiment to promote concepts on the use of discarded materials at the end of the event.

The concepts were developed by the students of the Scenario Design Course A.A. 2015-2016 (Bachelor Degree in Design and Visual Communication). The projects were 'adopted' by the activity laboratories of the InGenio network

Project: **Riconformers**, realised by the Laborabilia laboratory.

In collaboration with Vittoria Mantoni, Alessandra Sanna and Laura Tarò

Educational and research project by:

Cristian Campagnaro and Riccardo Vicentini

2019

Exhibition "EOS smart blind" Torino Mini Maker Faire

2019, Torino, Italy

With Asja Aulio, Eva Vanessa Bruno, Alessandro Campanella, Chen Li
Progetto didattico a cura di: Fabrizio Valpreda

EOS is an IoT smart blind based on circadian rhythms; it gradually increases the amount of daylight in the bedroom 20 minutes before the user wakes up. In the event of a lack of natural light, it is able to generate light calibrated in blue wavelengths, which are effective in the process of suppressing melatonin.

Project developed within the semester of Design for Components A.A. 2018/19 (Master's Degree in Systemic Design - Politecnico di Torino)

2020

Exhibition "Zefiro - DIY Covid19 Mask" Torino Mini Maker Faire

2020, Torino, Italia

With Asja Aulio, Stella Bellisario, Dario Bortolotti, Eva Vanessa Bruno, Alessandro Campanella, Francesca Cappa, Federico Citarda, Martina Gargiulo Pozzo, Davide Mercenati, Roberto Montarolo

Coordinators:

Fabrizio Alessio (Fablab Torino), Fabrizio Valpreda (virtuaLAB - Politecnico di Torino), Alessandro Dentis (virtuaLAB - Politecnico di Torino)

ZEFIRO is a project resulting from the collaboration between Fablab and virtuaLAB of the Politecnico di Torino, which aims to tackle the Covid-19 emergency. It consists of a do it yourself and open source electro-ventilated mask designed for the protection of healthcare personnel working in Covid wards.

ISGSS Symposium - Gastronomy at the Crossroad of Ecological Transition and Social Justice: Toward the International Society for Gastronomic Sciences and Studies

23-25/09/2022, Pollenzo e Torino, Italy

In collaboration with Alessandra Savina e Franco Fassio
Thematic area VI - Panel: Climate Change, Agroecology, and Ecological Transition

Speech Title: **Living the circularity: the case study of the FUSILLI and FISH researches**

Awards

2017

"Un sacco di sport"

Selection ADI Design Index 2017 (Social design)

2017, Torino, Italy

Teaching and research project by:

Cristian Campagnaro and Riccardo Vicentini

"Un sacco di sport" a research project on the topics of Circular Economy and social cohesion.

The concepts were developed by the students of the Scenario Design Course A.A. 2015-2016 (degree in Design and Visual Communication).

Publications...

International
Conference
Paper

2020

Proceedings DRS Learn X Design 2021

"Systemic design education in interdisciplinary environments: Enhancing a co-disciplinary approach towards circular economy"

Awarded as Top research paper at the 6th International Conference for Design Education Researchers - Learn X Design 2021

Aulisio, A., Pereno, A., Rovera, F., and Barbero, S. (2021) Systemic design education in interdisciplinary environments: Enhancing a co-disciplinary approach towards circular economy, in Bohemia, E., Nielsen, L.M., Pan, L., Börekçi, N.A.G.Z., Zhang, Y. (eds.), *Learn X Design 2021: Engaging with challenges in design education*, 24-26 September, Shandong University of Art & Design, Jinan, China. https://doi.org/10.21606/drs_lxd2021.05.250

Class A Journal

INTERNATIONAL COMPETITION OF DESIGN PROPOSALS AND ESSAYS_XIX FORUM WORLD HERITAGE and DESIGN for HEALTH 2021

"Zefiro: Technology and innovation against Covid-19"

Link di riferimento: http://www.benecon.it/international-competition-of-design-proposals-and-essays_xix-international-forum-le-vie-dei-mercanti-world-heritage-and-design-for-health/

"Quaderni" di "Abitare la Terra/Dwelling on Earth" - Class A Magazines

Valpreda, F., Alessio, F., Dentis, A., Aulisio, A., Bellisario, S., Bortolotti, D., Bruno E. V., Campanella, A., Cappa, F., Citarda, F., Gargiulo Pozzo, M., Mercenati, D., Montarolo, R., & Rovera, F. *Zefiro: Technology and innovation against Covid-19. Abitare la Terra - Dwelling on Earth.*

...Publications

Article in Journal

2022

Culture Protette - Orticoltura e Florovivaismo

"Un nuovo biostimolante dai sottoprodotti della filiera ittica"

"Culture Protette n.06" - Rivista Area Agricoltura, ISSN 0390-0444

Caser, M.; Masino, F.; Gervasio, S.; Fassio, F.; Hassine, M. B.; Benedetti, P.; Caradonia, F.; Milc, J. A.; Caccialupi, G.; Pulvirenti, A.; Antonelli, A.; Torri, L.; Cevasco, R.; Rovera, F.; Scariot, V.; Francia, E.; Bertora, C.; Ertani, A.; Bertelli, C. *Un nuovo biostimolante dai sottoprodotti della filiera ittica*. Culture Protette 2022, 6.

Class A Journal

Sustainability - MDPI

Special Issue Ecological Transition and Circular Economy

"Assessing Circular Economy Opportunities at the Food Supply Chain Level: The Case of Five Piedmont Product Chains"

"Sustainability 2022, 14, 10778" - Class A Journal

Fassio, F.; Borda, I.E.P.; Talpo, E.; Savina, A.; Rovera, F.; Pieretto, O.; Zarri, D. Assessing Circular Economy Opportunities at the Food Supply Chain Level: The Case of Five Piedmont Product Chains. Sustainability 2022, 14, 10778. <https://doi.org/10.3390/su141710778>

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Fabiana Rovera