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V e n e r e F e r r a r o , P h D

ACADEMIC CURRICULUM VITAE

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1. SUMMARY

Venere Ferraro is **Ph.D. in Industrial Design**.

She is **Untenured Researcher** at the Design Department. She teaches “Design Methods and Tools for Product and Interaction Design” at the Master’s Degree in Design & Engineering at the School of Design of Politecnico di Milano.

She has been **Visiting Researcher** at **University of New South Wales** of Sydney (2006) and at Media Lab of **Massachusetts Institute of Technology** (2009) where she run researches on Wearable Systems with the lens on design-driven and user-oriented approaches.

She is Member of the **Experience and Interaction Design Research Lab** and of the **Biodesign Lab**.

She participated at several **International** and **National** researches and she is currently **Coordinator** of the research project POD: Plurisensorial Device to prevent occupational disease, which has recently received funding from the European Union. (**SAF€RA 2014 joint call**)

She's **author of several international publications**, and **she holds National Patents** and models.



2. EDUCATION

February 2010

PHD PROGRAMME

Department of Design (Ex INDACO Department), Politecnico di Milano

Earns **Research Doctorate** in Industrial Design.

Dissertation title: “The Designer Approach to Wearable Technologies”

The research activity was based on the creation of tools and guidelines transferable, repeatable and usable for the design of wearable devices. The objective was to provide a guide containing methodology and instrument in order to provide a design-driven approach to products developed through a technology-driven one.

Advisors: Francesco Trabucco, Marita Canina

Grade: Full Marks

Published Research Content: Venere Ferraro, The Designer Approach to the wearable technologies-A Practice based research, Maggioli Editore, January 2012

MASTER’S DEGREE

December 2005

School of Design, Politecnico di Milano

Earns **Master’s Degree in design** with the thesis “Fit Suit: Biodesign per l’idrokinestiterapia” (i.e Design of suit for rehabilitation in water)

Advisor: Francesco Trabucco, Marita Canina

Grade: Full Marks

BACHELOR’S DEGREE

December 2002

Facoltà di Architettura, Seconda Università degli studi di Napoli

Earns **Bachelor’s Degree in design** with the thesis “EyeSight: An illumination system for a Boeing Business Jet”

Advisor: Patrizia Ranzo

Grade: Magna cum Laude

3. RESEARCH ACTIVITY

Her main research activity is identified according to two main areas:

- **Interaction Design** where the research is built on the definition of product experience and the role of technology in human-machine interaction.
- **Wearable Technologies**, where she explores a transformation according to the design-driven approach based on human being and his body in contrast with the technology –driven approach generally used in this field;

What characterizes her research into these two areas is the person-centred design approach: a User-Centred Design process. Combining researches in design, studies on people-centred approach allow to reach an innovation by shaping the technology in a desirable way for the final user.

The current research interests are directed to the field of wearable devices, interactive systems for healthcare and wellbeing, Smart Home and Ambient Assisted Living, with emphasis on tools and methods to define, set and enhance the user experience.

She is working on the exploration of how digital products can be designed to persuade users towards responsible behaviours in order to accomplish the current social and environmental challenges. This means to use design as a technological “enabler”, able to exploit the potential of digital technologies in order to involve users in an emotional and meaningful way.

There are two key elements that strategically guide her activity: the interdisciplinary and international dimension of the area of design research and practice and the integration between the research and the teaching activity.

Specifically, the integration between the research and the teaching activity is developed through research projects mainly conducted for **SMEs** where the focus is to stress the **design role** as lever to achieve and improve **innovation**.

Research key words:

User Centred Design, Interaction Design, Design Fiction.

Smart Devices and Sensors, Wearable Technologies, Design for subjective well-being.

3.1 Present and past research positions

- April 2018
 - She obtained the **National Scientific qualification to function as Associate Professor** in Italian Universities.
 - Duration: 6 years
- From
 - Department of Design | Politecnico di Milano
- Feb. 2017
 - **Untenured Researcher legge 240/10**
- 2015-2017
 - Department of Design | Politecnico di Milano
 - **Research Fellow Position** entitled: “Interacting with Wearable Technology: P.O.D_ Plurisensorial Device to prevent occupational disease”
 - Duration (months): 12 (+12)
- 2015-Present
 - Politecnico di Milano | School of Design
 - **Member of Experience and Interaction Design Research Lab**
 - Collaboration in the definition of the research lines.
- 2013-2015
 - Material Connexion Italia
 - “Authorize the use of personal data under the D. lgs. 196/03”

- **Senior Researcher Position (Part-Time)** “Management and Research activities for the European Projects: Light.Touch.Matters and Tempus IDEA”
 - Duration (months): 24
- 2012
 - Department of Design | Politecnico di Milano
 - **Research Collaboration** entitled: “Speedkits. Designing Innovative Packaging, Tent and Shelter for Emergency”
 - Duration (months): 6
- 2012
 - Department of Design | Politecnico di Milano
 - **Research Collaboration** entitled: “Designet: La Nuova Frontiera Del Contract Design Made in Italy”
 - Duration (months): 6
- 2011-2012
 - Department of Design | Politecnico di Milano
 - **Research Fellow Position** entitled: “Sviluppo di un nuovo sistema sensorizzato integrato wearable device/elettrodomestico per il monitoraggio degli anziani attraverso un approccio user-oriented”
 - Duration (months): 12
- 2010
 - Department of Design | Politecnico di Milano
 - **Research Fellow Position** entitled: “Promotion and Internationalization of Doctorate Course in Design”
 - Duration (months): 6
- 2009
 - MIT Massachusetts Institute of Technology Media Lab | Harvard-MIT Division of health science and technology
 - **Doctoral Roberto Rocca Fellow at MIT**
 - <http://web.mit.edu/progettorocca/fellowships/fellows.html>
 - Wearable Design for Smart Electronic Textiles (Designing interactive glove for post-stroke patients)
 - Duration (months): 6
- 2007-2008
 - Department of Design | Politecnico di Milano
 - **Research Collaboration** entitled: “Development of New Domestic Scenarios Through the Knowledge Transfer from The Design Oriented Sectors”
 - Duration (months): 12
- 2006
 - Politecnico di Milano | Dipartimento INDACO | University of New South Wales | Biomedical Systems Laboratory and Laboratory for Health Telematics of UNSW
 - **Visiting Researcher- Post-Master’s Degree Scholarship**
 - “The design of a new monitoring vest for maximising high intensity sport performance”
 - Duration (months): 6
- 2005-2015
 - Politecnico di Milano | Design Department

Member of The Biodesign Lab.

Collaboration in the definition of the research lines.

3.2 International and National Co-Funded Research

- Luglio 2018
- **Coordinator of the research project: "d.EM&Ts (Knowledge & Technology Transfer of Emerging Materials & Technologies through a Design-Driven Approach)"**
 - Co-funded by European Commission in the call KA2: Cooperation for innovation and the exchange of good practices - Knowledge Alliances- Call: EAC/A05/2017 Numero identificativo: 600777-EPP-1-2018-1-IT-EPPKA2-KA
 - Partners: Politecnico di Milano, Material Connexion Italia, Ciape, Materfad, Tecnum University, Barcelona Centre de Disseny, Copenhagen School of Design and Technology, IDC West Sweden AB, Aalto University, ISQ.
 - Coordinator: Politecnico di Milano
- 2017-ongoing
- **Participation to the European Research Project: "MOBILE STEKIO-EXTREME EFFICIENCY DIGITAL GAS COOKTOP FOR CAMPERS, CARAVANS AND YACHTS".**
 - Research funded by European Commission under the call Cosme COS-2015-DESIGN-2
 - Partners: 3PEngineering, Department of Design and Department of Management, Politecnico di Milano
 - Coordinator: 3PEngineering
 - Duration (months): 12
 - *Role: Expert Researcher in Interaction Design and User Experience.*
 - *Activity: performing needfindings and defining the requirements for the gas cooktops.*
- 2016- ongoing
- **Participation to the Research Project: "ICS_MATERIALS: FUTURE VISIONS AND METHODS FOR DESIGN INTERACTIVE, CONNECTED AND SMART MATERIALS."**
 - Research funded by Fondo d'Ateneo per la Ricerca di Base (FARB) of Politecnico di Milano
 - Coordinator: Valentina Rognoli, Politecnico di Milano
 - Duration (months): 12
 - *Role: Expert Researcher in Interaction Design and User Experience.*
 - *Activity: Contributor to Project Proposal; Desk Research of case studies and definition of the ICS framework.*
 - **Main Published Research content:**
 - Stefano Parisi, Davide Spallazzo, Venere Ferraro, Marinella Ferrara, Mauro Attilio Ceconello, Camilo Ayala Garcia, Valentina Rognoli **"Mapping ICS Materials: Interactive, Connected, and Smart Materials"**, International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems (iHSI 2018) January 7-9th, 2018.
- 2015-2017
- **PRINCIPAL INVESTIGATOR of the European Research Project: "P.O.D. PLURISENSORIAL DEVICE TO PREVENT OCCUPATIONAL DISEASE"**
 - "Authorize the use of personal data under the D. lgs. 196/03"

- Co-funded by European Commission-SAF€RA 2014 joint call-grant agreement number 291812.
- Partners: Department of Design, Politecnico di Milano, Delft University, Comftech s.r.l.
- Coordinator: Department of Design, Politecnico di Milano
- Duration (months): 24
- Role: Expert Researcher in wearable technologies (design-driven approach), Interaction Design and User Experience.
- Activity: Management of the all Project and responsible of the POLIMI Workpackages (Project Objective, User Analysis, Concept and Proof of Concept Development).

▪ **Published Research contents:**

- Venere Ferraro, **“The investigation of new technologies for the novel concept of a Plurisensorial Wearable Device to prevent occupational disease”**, International Conference of Innovative Technologies, 9-11 September 2015, Dubrovnik, Croatia.
- Venere Ferraro, Mila Stepanovic, Silvia Ferraris, **“Persuasive Technology as key to increase Working Health Condition. The Case study of a Wearable System to prevent Respiratory Disease”**, 12th EAD Conference Sapienza University of Rome 12-14 April 2017
- Venere Ferraro, Mila Stepanovic, Silvia Ferraris, **“Wearability and User Experience through User Engagement: The Case study of a Wearable Plurisensorial Device”**, 8th International Conference on Applied Human Factors and Ergonomics (AHFE 2017) Westin Bonaventure Hotel, Los Angeles, California, USA, July 17-21, 2017
- Brevetto Nazionale **“P.O.D_ Plurisensorial Device to prevent Occupational Disease”**
Inventori: Venere Ferraro, Mila Stepanovic, Silvia Ferraris, Giuseppe Andreoni, Alba Cappellieri, Kaspar M. Jansen, Alessia Moltani
- Brevetto Nazionale **“Electronic Nose Device for Coating Plant Environment”**
Inventori: Venere Ferraro, Mila Stepanovic.
- Venere Ferraro, Mila Stepanovic, Silvia Ferraris, **“Engaging with the user: Defining and Designing the user experience”**, SAF€RA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety 12-13 April 2016, Athens (Greece)

▪ **Exhibition:**

- **Project selected for the Exhibition @Human Factor Day 2017**, 29th of May at Cascina Trivulza.
- **Project selected for Exhibition @ 5th Edition of Maker Faire 1-3 December 2017**, Rome.

2015-16

▪ **Participation to the Research Project: “DESIGN FOR ALL - SW INTEGRATION AND ADVANCED HUMAN MACHINE INTERFACES IN DESIGN FOR AMBIENT ASSISTED LIVING”** (identification code CTN01_00128_297089)

- Research co-funded by Ministero dello Sviluppo Economico as part of the call “TAV - Tecnologie per gli ambienti di Vita” (CTN01_00128)
- Partners: ITIA-CNR, Istituto Auxologico di Milano, AB Medica Spa, Università Politecnica delle Marche, Politecnico di Milano,
- Coordinator: ITIA-CNR
- Role: Expert Researcher in User-centred Design, Interaction Design and User Experience.
- Activity: Principal researcher in defining requirements for user interface for ambient assisted living.

▪ **Main Research Content:**

- Ferraro Venere, Colombo Sara (2016). “**Design tools for beginners: teaching a design approach to practitioners with mixed backgrounds**”. In: Design Education: Collaboration and Cross-disciplinarity, Aalborg University, Denmark, 8 & 9 September 2016

▪ Duration (months): 12

2013-2015

▪ **PROJECT MANAGER for European Research Project: “TEMPUS IDEA: AN ESSENTIAL DRIVER FOR INNOVATION”**

- Research co-funded by European Commission- Seventh Frame Programme.
- Partners: Shenkar College of Engineering and Design, Israel, Holon Institute of Technology, Israel Tel Aviv University, University of Brighton, Politecnico di Milano, Universitat Politècnica de València, Mälardalen University, Sweden, Cologne University of Applied Sciences, Material ConneXion Italy.
- Coordinator: Shenkar College of Engineering and Design
- Role: Skilled Researcher in Product Innovation.

▪ Activity: Serves as researcher to enhance research and innovation culture in the Israeli HEIs and bring Industrial world into research.

▪ Duration (months): 24

2013-2015

▪ **PROJECT MANAGER for European Research Project: “LIGHT.TOUCH. MATTERS-THE PRODUCT IS THE INTERFACE”**

- Research co-funded by European Commission- Seventh Frame Programme.
- Partners: Technische Universiteit Delft, Material ConneXion, Bax and Willems, Holst Centre, Brunel University, University College London, Politecnico di Milano
- Coordinator: Technische Universiteit Delft

▪ Role: Expert Researcher in Interaction Design and User Experience.

▪ Activity: Serves as researcher to set meaningful experience for light.touch.materials through a design-driven research methodology.

▪ Duration (months): 24

▪ **Main Published Research content:**

- Venere Ferraro, “**Product Experience and Well-Being: An Interactive Interpreter for Diabetic Children**”, Eum Design Connects, 17-23 October 2015, Gwangju, Korea

- 2012
- **Participation to the European Research Project: “SPEEDKITS. DESIGNING INNOVATIVE PACKAGING, TENT AND SHELTER FOR EMERGENCY”**
 - Research co-funded by European Commission- Seventh Frame Programme.
 - Partners: Vrije universiteit Brussel, Technische Universiteit Eindhoven, Politecnico di Milano
 - Coordinator: Technische Universiteit Eindhoven
 - Skilled Researcher in Product Innovation.
 - Activity: Responsible of the workshop on the innovative design of new family tents (September 2012).
 - Duration (months): 6
- 2011
- **Participation to the Research Project: “DESIGNET: LA NUOVA FRONTIERA DEL CONTRACT DESIGN MADE IN ITALY”**
 - Research co-funded by Ministero dello Sviluppo Economico as part of the call “Industria 2015: Nuove tecnologie per il Made in Italy”
 - Partners: Create-NET; Dipartimento di Meccanica, Università Politecnica delle Marche; Dipartimento di Management, Università Politecnica delle Marche; Dipartimento di Informatica, La Sapienza di Roma; Dipartimento di Meccanica, Politecnico di Milano; Dipartimento INDACO, Politecnico di Milano
 - Coordinator: Università Politecnica delle Marche
 - Role: Skilled Researcher in Product Innovation.
 - Activity: Definition and Development of new scenarios for modern living of Innovative Hotel Apartment.
 - Duration (months): 12
- 2011-2012
- **Participation to the Research Project: “NUOVO SISTEMA INTEGRATO PER L’ASSISTENZA REMOTA DI PAZIENTI ANZIANI”**
 - Research co-funded by Region of Lombardy as part of call for innovative projects in energy, the environment, food and agriculture, health care, and advanced manufacturing.
 - Partners: Whirlpool Europe, MR&D, Dipartimento di Meccanica of Politecnico di Milano; Fondazione Don Carlo Gnocchi Onlus.
 - Coordinator: Whirlpool Europe
 - Role: Expert Researcher in Interaction Design and User Experience.
 - Activity: Principal researcher in defining requirements for user interface to remote-control system for home appliances and interaction with electronic t-shirt.
 - Duration (months): 18
 - **Published Research content:**
 - Venere Ferraro, Lucia Rampino, “**Designing a system interface for elderly people in a smart home system: A practice-based research**”, Design4Health 2015 July 13, 2015 – July 16, 2015
- “Authorize the use of personal data under the D. lgs. 196/03”

2008

Participation to the Research Project: “NUOVI MODELLI CONCETTUALI E NUOVI STRUMENTI PER L’INNOVAZIONE GUIDATA DAL DESIGN NELL’ECONOMIA GLOBALE”

Research co-funded by Ministero dell’Università e della Ricerca, PRIN 2005

Partners: Dipartimento Indaco of Politecnico di Milano, Dipartimento di Meccanica of Politecnico di Milano; Università Luigi Bocconi.

Coordinator: Università Luigi Bocconi

Role: Skilled Researcher in Product Design Innovation

Activity: Analysis and Definition of the role of the design lever in Small Medium Companies (four case studies).

Duration (months): 12

Published Research content:

- Barbara Colombo, Marina Carulli, Venere Ferraro, “**Quattro Casi Esemplari**” in “L’Impresa di successo” cured by Lucia Rampino, McGraw-Hill 2008

2008-2010

Participation to the Research Project: “DESIGNER COOPERATION IN DEVELOPMENT OF WEARABLE SYSTEMS AND THEIR INNOVATIVE APPLICATIONS”

Research funded by Smartex s.r.l. (Society specialized in research field concerning integration of textile and electronics)

Role: Expert Researcher in wearable technologies (design-driven approach), Interaction Design and User Experience.

Activity: Integration of design and electronics for the European Projects:

- **My-Heart** (Intelligent biomedical clothing for continuous monitoring of vital signs) (IST-2002-507816, EU funded project)
- **Proetex** (Smart wearables for emergency disaster intervention personnel with a goal of improving their safety, coordination and efficiency and additional systems for injured civilians aimed at optimising their survival management) (6th Framework IST Integrated Project)

Duration (months): 36

Published Research content:

- Venere Ferraro, Maria Pacelli, Marita Canina, Rita Paradiso, Danilo De Rossi, Paolo Bonato, “**Designing a sensorized glove for-post stroke rehabilitation**”, 6th edition of the International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health (pHealth 2009), 24-26 June 2009, Oslo, Norway

3.3 Privately Applied funded research

- ONGOING
- Department of Design, Politecnico di Milano
 - COORDINATOR of the Research Project: “USER EMPOWERMENT: SHAPING TECHNOLOGY TO CHANGE USER BEHAVIOUR”**
 - Research funded by B.L.S.
 - Activity: Coordinating and performing needfindings and design activities aimed at defining scenarios and directions for the development of new mask.
 - Duration (months): 12. Started on March 2018.
- ONGOING
- Department of Design, Politecnico di Milano
 - COORDINATOR of the Research Project: “Smart Design for Living”**
 - Research funded by Comftech S.r.l.
 - Activity: Coordinating and performing needfindings and design activities aimed at defining scenarios and directions for the development of smart toys
 - Duration (months):8. Started on April 2018.
- 2017
- Department of Design, Politecnico di Milano
 - COORDINATOR (together with Margherita Pillan) of the Research Project: “CUSTOMER EXPERIENCE FOR THE HOSPITAL HUMANITAS”**
 - Research funded by Artexe S.r.l.
 - Activity: Coordinating and performing needfindings and design activities aimed at developing new tangible smart toys.
 - Duration (months): 12
- 2015
- Consorzio POLI.design, Politecnico di Milano
 - Participation to the Research Project: “MAKE IN PROGRESS – VERSO LA FILANDA - SULBIATE”**
 - Research funded by Fondazione Cariplo
 - Activity: Mapping and Analysis of the small-medium companies inside Brianza Area; Identification of Guideline and Role of la Filanda as Future Making Center.
 - Duration (months): 6
- 2014
- Consorzio POLI.design, Politecnico di Milano
 - Participation to the Research Project: “PROGRAMMA SENAI PER L’INNOVAZIONE NELLE IMPRESE”**
 - Research funded by Senai (Serviço Nacional de Aprendizagem Industrial)
 - Activity: Mapping and Analysis of the companies involved into Senai Programme.
 - Duration (months): 6
- 2014
- Consorzio POLI.design, Politecnico di Milano |ADI (Associazione per il Disegno Industriale)
 - “Authorize the use of personal data under the D. lgs. 196/03”

- **Participation to the Research Project: “LA CASA DEL DESIGN”**
 - Research funded by Fondazione Cariplo
 - Activity: Contributes to Project Proposal and Definition of the Guideline and Role of “La Casa del Design”.
 - Duration (months): 6

- 2012-2013
 - Consorzio SiExpo 2015
 - **RESEARCHER/PROJECT MANAGER FOR SiExpo Catalogue**
 - Research funded by Chamber of Commerce of Milan and Expo 2015
 - Activity: Definition of scientific criteria (shape, mode of use, sustainability) for the catalogue admission in collaboration with Technical and Scientific Committee, Collaboration to the management of the online catalogue.
 - http://www.siexpo2015.it/index.phtml?Id_VMenu=261
 - Duration (months): 8

- 2012
 - Material Connexion Italia
 - **Participation to the Research Project: “NEW MOBILE SCENARIOS”**
 - Research funded by Samsung Europe
 - Activity: Definition of new innovative scenarios for Samsung Mobile
 - Duration (months): 6

- 2008
 - Department of Design, Politecnico di Milano
 - **Participation as Researcher and Designer to the Research Project: “OVERBANK-VISIONI SULLA BANCA DEL FUTURO”**
 - Research funded by Credito Valtellinese
 - Development of the Concept: **A_branch “alive branch bank”: a new branch born to replace the present ones and to improve the services provided by ATM.**
 - (Project selected for an exhibition at Palazzo delle Stelline-Milano during “Milano Design Week 2008”)
 - Duration (months): 6
 - **Published Research content:**
 - Venere Ferraro, **I cambiamenti socio-economici** in “Overbank- *Appunti e Visioni sulla banca del futuro*” cured by Maximiliano Romero, Marco Bedognetti, Grafiche Aurora 2008

- 2007-2008
 - Department of Design, Politecnico di Milano
 - **Participation as Researcher and Designer to the Research Project: “DEVELOPMENT OF NEW DOMESTIC SCENARIOS THROUGH THE KNOWLEDGE TRANSFER FROM THE DESIGN ORIENTED SECTORS”.**
 - Research funded by Indesit – Research Contract Fondazione Politecnico
 - Scientific Coordinator: prof. Arturo Dell’Acqua Bellavitis
 - Development of 4 Concepts for the kitchen of the future:
 - **1. Kubick “All in One”** (selected and prototyped project for EuroCucina – Design

- Week 2008- **Patented**) 2. Square “Food Showing”; 3. H-Totem “Around Cooker”; 4. Textile Cooking.
- Duration (months): 24
- **Published Research content:**
 - National Patent n. **TO2008A000298** with the title “Cooking device” deposited on 16/04/2008, Indesit – Politecnico di Milano. Inventors D. Bongini, M. Canina, **V. Ferraro**, L. Melotti, S. Palmeto

4. TEACHING

4.1 Institutional Assignments at Politecnico di Milano

2009-present	Politecnico di Milano School of Design ADJUNCT PROFESSOR
2017-Present	<ul style="list-style-type: none"> ▪ Design School, Politecnico di Milano ▪ Master’s Degree Course in Digital and Interaction Design ▪ Theories and Tools for Interaction Design – English Language ▪ Module: Basic of Interaction Design
2014-Present	<ul style="list-style-type: none"> ▪ Design School, Politecnico di Milano ▪ Master’s Degree Course in Design & Engineering ▪ Product Development Design Studio 2 – English Language ▪ Methods and Tools for Interaction Design ▪ <i>A.Y 2017/2018 Activity carried out in collaboration with the Company De Longhi, Italy</i> ▪ <i>Theme: Design the coffee Experience. Participation to the Contest “Progetto Simbiosi”</i> ▪ <i>Three Projects have been selected and presented at Mudec. One of them won the Contest.</i> ▪ <i>A.Y 2015/2016 Activity carried out in collaboration with the Company Tinkidoo, Italy</i> ▪ <i>Theme: Design of interactive educational toys. One project has been selected for commercial development</i> ▪ <i>A.Y 2014/2015 Activity carried out in collaboration with the Company Bosch- User Experience Department, Stuttgart, Germany</i> ▪ <i>Theme: Design of a set of interactive devices for smart home</i>
2013-Present	<ul style="list-style-type: none"> ▪ Design School, Politecnico di Milano ▪ Master’s Degree Course in Design & Engineering ▪ Product Development Design Studio 1 – English Language ▪ Methods and Tools for Product Design ▪ <i>A.Y 2015/2016 Activity carried out in collaboration with the Tavola, Italy</i> ▪ <i>Theme: Design of an Anti-Theft System.</i> ▪ <i>A.Y 2015/2016 Activity carried out in collaboration with the Company Marcato, Italy</i>

“Authorize the use of personal data under the D. lgs. 196/03”

- *Theme: Design of a Restaurant Pasta Maker. One project has been selected for commercial development*
 - Design School, Politecnico di Milano
 - Master's Degree Course in Design for Fashion System
 - **Sportswear and Underwear Design – English Language**
 - **Methods and Tools for Wearable Devices**
 - *A.Y 2015/2016 Activity carried out in collaboration with the Company Leone 1947, Italy*
 - *Theme: Design of functional/smart clothing for combat sports*
 - *One project has been selected for commercial development*
 - Design School, Politecnico di Milano
 - Corso di Laurea in Disegno Industriale
 - **Laboratorio di Elementi Visivi per il Design, 2° anno L**
 - **How define product shape**
 - Design School, Politecnico di Milano
 - **Workshop Indossame: Design per uno stile di vita proattivo**
 - Politecnico di Milano | School of Design
 - **TUTOR**
-
- Design School, Politecnico di Milano
 - Master's Degree Course in Design & Engineering
 - **Product Development Design Studio 1 – English Language**
 - Design School, Politecnico di Milano
 - Master's Degree Course in Design & Engineering
 - **Final Project Work**
 - Design School, Politecnico di Milano
 - Master's Degree Course in Design & Engineering
 - **Product Development Design Studio 2**
 - Design School, Politecnico di Milano
 - Corso di Laurea Triennale in Design del Prodotto
 - **Laboratorio di Sintesi Finale, 3 anno**
 - Design School, Politecnico di Milano
 - Corso di Laurea Triennale in Design del Prodotto
 - **Laboratorio di Disegno Industriale 2, 2 anno**

4.2 Additional Assignments at Politecnico di Milano

2009-present

LECTURER

-
- 2016
 - Department of Electrical Engineering, Politecnico di Milano - Cefriel.
 - **Master's in development of Innovative Software Products**
 - 12 hours Lecturer for the didactic Module "Methods and Tools for Interaction Design"
 - 2016
 - Consorzio POLI.design, Politecnico di Milano
 - **Smart Academy- Design Week 2016**
 - Short Workshop "Wearable Technology-Beyond the App"
 - 2016
 - Consorzio POLI.design, Politecnico di Milano
 - **Master's in strategic design**
 - 10,5 hours Lecturer for the didactic Module "Interaction Design"
 - Master Course taught in English.
 - <http://www.polidesign.net/mds>
 - 2015
 - Department of Mechanical Engineering, Politecnico di Milano
 - **Master Level Programme in "Design for All"**
 - 16 hours Lecturer for the didactic Module "Design Tools for services and products"
 - 2015
 - Department of Mechanical Engineering, Politecnico di Milano
 - **Master Level Programme in "Design for All"**
 - 14 hours Lecturer for the didactic Module "Interaction Design"
 - 2015
 - Design School, Politecnico di Milano, Chiba University
 - **1-week Design Workshop on Product innovation and User Experience**
 - "High-tech masks: exploring-exploiting-enhancing the gap between personal safety and facial expression"
 - From 2010
 - Consorzio Polidesign, Politecnico di Milano
 - **Master's in industrial design for Architecture**
 - 4 weeks Design Workshop (Involved Companies: Cisa Ceramiche, Verde Profilo, Tack System)
 - Master Course taught in English.
 - <http://www.polidesign.net/it/id4a>
 - 2010 to 2011
 - Consorzio Polidesign, Politecnico di Milano
 - **Master's in industrial design, Engineering and Innovation**
 - 4-week Design Workshop on medium-complex products (Involved Companies: Persico, Candy-Hoover s.rl., Ariete-De Longhi Division S.P.A.)
 - <http://www.polidesign.net/it/industrialdesign>
 - 2009
 - Indaco Department, Politecnico di Milano
 - **Master New Tech Style Design**
 - 1-week Design Workshop: Technology into fashion
 - Master Course taught in English

4.3 Teaching Assignments at Other Universities

2008-present

LECTURER

- 2018
- **International University of Monaco**
 - Master in Luxury Management
 - Serves as Invited Lecturer for 18 hours teaching at the Course: “Luxury Product Design & Development”
- 2015
- **International Seminar Week 2015,**
 - Hochschule für Gestaltung Schwäbisch Gmünd
 - Serves as Invited Lecturer for 1-week Workshop entitled: “Designing Experience for Interactive Products”
- 2014
- Consorzio Polidesign, Senai (Serviço Nacional de Aprendizagem Industrial)
 - **Grand Prix SENAI de Inovação 2014**
 - WTC - São Paulo, Brazil
 - The Gran Prix lasted 72 hours and involved six multidisciplinary teams competing to create new innovation concepts to meet challenges thrown out by a pool of companies.
 - Serves as academic tutor for all Participant Teams
- 2013
- Consorzio Polidesign, Senai (Serviço Nacional de Aprendizagem Industrial)
 - **Grand Prix SENAI de Inovação 2013**
 - WTC - São Paulo, Brazil
 - The Gran Prix lasted 72 hours and involved six multidisciplinary teams competing to create new innovation concepts to meet challenges thrown out by a pool of companies.
 - Serves as academic tutor for a team of participants (red team), winning first place (innovative concept for diabetic detection)
 - <http://www.youtube.com/watch?v=lufLpwDkb0k>.
- 2010
- Howest- University College Industrial Design Engineering Kortrijk
 - **Socrates Intensive Programme 2010: “Green products through a multi-coloured approach”.**
 - 1 Week Design Workshop
- 2008-2009
- Accademia del Lusso, Milano
 - **Master Level Programme in Fashion Design**
 - Master’s course taught in English.
 - Teaching session entitled “Designing Wearable Devices”

4.4 Theses and Internship Advised

2008- present Politecnico di Milano | School of Design

A.Y 2017-2018 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: Easylock - Intelligent pre-warning steering wheel lock system
 Student: Ge Chang

A.Y 2017-2018 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: MOTIV for Smart Wearable Intravenous Infusion
 Student: Hou Delin

A.Y 2017-2018 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: McGee-An Interactive Musical Instrument for Fun
 Student: Feng Li

A.Y 2016-2017 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: AER X - Scarpa con sistema di protezione della caviglia a gonfiaggio
 Istantaneo (110/110 cum laude)
 Student: Lorenzo Ferrari

A.Y 2016-2017 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: *BACO* - Transitional neonatal monitoring system: enhancing preterm
 infants' thermoregulation, comfort and sleep propensity, while reducing parental
 anxiety (110/110)
 Student: Gaia Tosti

A.Y 2015-2016 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
 Advises the thesis: Protective and Interactive Wearable System for Occupational Disease
 (110/110 magna cum laude)
 Student: Mila Stepanovic

2016 Politecnico di Milano | School of Design | Master's Degree Design & Engineering
**ADVISOR OF GRADUATE INTERNSHIP PROJECT "Designing and Defining User
 Experience for Wearable Systems"**
 Student: Mila Stepanovic

A.Y 2014-2015 Master's Degree Design & Engineering
 Advises the thesis: Biropodo - An Educational Toy for swimming pools (107/110_project
 patented)
 Student: Miguel Melo Posada

A.Y 2012-2013 Master's Degree Design & Engineering

"Authorize the use of personal data under the D. lgs. 196/03"

- Advises the thesis: Balance: knee brace for patella balancing (110/110 magna cum laude)
- Student: Teresa Grassi
-
- A.Y 2012-2013 ▪ Master's Degree Design & Engineering
- Advises the thesis: WID - Wearable Interactive Device for Diabetic Children (110/110)
- Student: Valentina Mullano
-
- A.Y 2011-2012 ▪ Master's Degree Design & Engineering
- Advises the thesis: Trio - Urban Back Protector (110/110)
- Student: Federico Elli
-
- A.Y 2011-2012 ▪ Master's Degree Design & Engineering
- Advises the thesis: Kyumen - Device for home fitness (107/110)
- Student: Jacopo Bianchi
-
- A.Y 2008-2009 ▪ Master's Degree Design & Engineering
- Co-Advises the thesis: Polifunctional Clothing for riders (106/110)
- Student: Fabio Bazzoli
-
- A.Y 2008-2009 ▪ Master's Degree Design & Engineering
- Co-Advises the thesis: Urban Back Protector (magna cum laude)
- Student: Fabio Garavaglia
-

4.5 Promotion of Students' Projects

- | | |
|---------------|--|
| 2013- present | Politecnico di Milano School of Design |
| <hr/> | |
| 2015 | <ul style="list-style-type: none"> ▪ Politecnico di Milano School of Design ▪ CURATOR and ORGANIZER of the Educational Exhibition During Expo 2015 ▪ Organizing, coordinating and selecting the student's projects designed during the courses of Product Development Design Studio 1 (Design&Engineering) and Elementi Visivi del Progetto (Product Design) A.Y. 2014-2015. |
| 2013 | <ul style="list-style-type: none"> ▪ Politecnico di Milano School of Design ▪ CURATOR and ORGANIZER of the Educational Exhibition "RESETTING AND RESHAPING" ▪ Organizing, coordinating and selecting the student's projects designed during the Course of Elementi Visivi del Progetto (Product Design) A.Y. 2013-2014. |

5. ACADEMIC AND MANAGEMENT ROLES

- | | |
|---------------|--|
| 2012- present | Politecnico di Milano School of Design |
|---------------|--|
-

- From Jan 2018** Politecnico di Milano | School of Design

 - **RESPONSIBLE of The International Relationship for The Master's Degree Course In Digital And Interaction Design.**
- From Jan 2018** Politecnico di Milano | School of Design

 - **MEMBER of Student-Professor Joint Committee (Commissione Paritetica)**
 - The Committee sets out to monitor the training offering and the quality of the teaching and student services, as well as to identify indicators for evaluating results. Moreover, it and draws up proposals for their improvement.
- 2015-2018** Politecnico di Milano | School of Design

 - **RESPONSIBLE of the AVA (Autovalutazione, Valutazione periodica, Accreditemento) Procedure for The Master's Degree Course In Design&Engineering**
- 2015-2016** Politecnico di Milano | Design School

 - **PROMOTER of the Design&Enginnering Master Course in two Schools: Chiba University, Hochschule FÜR Gestaltung Schwäbisch GmüNd.**
 - During two International Seminars and Workshops, one held in Tokyo and another in Stuttgart she officially represented the School of Design and the Master Course in Design&Engineering.
- 2014-2017** Politecnico di Milano | Design School

 - **MEMBER OF SELECTION BOARD OF THE CONTEST DESIGN X DESIGNERS**
 - Serves as board member into selection of students' projects for Design School Exhibition during Design Week.
- 2011-2014** Politecnico di Milano | Design School

 - **PROJECT MANAGEMENT of the design contest: A RIGHT DESIGNER FOR EVERY COMPANY**
 - The project is ideated to bridge the gap between design innovation and small and medium- sized enterprises.
 - Partner: Material Connexion Italia, Chamber of Commerce of Milan, Province of Milan, Politecnico di Milano, NABA University, Domus Accademy, IED
 - Serves as Students' selection and Projects' Tutoring within companies' contest. Project coordinator.
- SEPT. 2013** Politecnico di Milano | Design School

 - **MEMBER of the Admission Test to Laurea (Bachelor of Science) Programmes**
- From 2012** Politecnico di Milano | School of Design

 - **APPOINTED MEMBER of Master's Degree Committee In Design&Engineering.**

6. PATENTS

- 2017
- National Patent n. 102017000072994 with the title **“P.O.D_ Plurisensorial Device to prevent Occupational Disease”** deposited on 29/06/2017, Politecnico di Milano.
 - Inventors: **Venere Ferraro**, Giuseppe Andreoni, Alba Cappellieri, Silvia Ferraris, Kaspar Jansen, Alessia Moltani, Mila Stepanovic.
- 2017
- National Patent n. 102017000055706 with the title **“Electronic Nose Device for Coating Plant Environment”** deposited on 23/05/2017, Politecnico di Milano.
 - Inventors: **Venere Ferraro**, Mila Stepanovic.
- 2017
- National Patent n. 202017000026442 with the title **“WeHand: Wearable Haptic-Feedback Navigation Device for Early Dementia Patients”** deposited on 09/03/2017, Politecnico di Milano.
 - Inventors: Alessandro Biamonti, Rosalam Che Me, **Venere Ferraro**, Mila Stepanovic
- 2016
- National Patent n. **202016000129589** with the title **“TACTIVITY. Gioco tattile per non vedenti”** deposited on 21/12/ 2016, Politecnico di Milano.
 - Inventors: Lorenzo Sarghini, **Venere Ferraro**
- 2016
- National Patent n. **102016000121563** with the title **“Dispositivo educativo interattivo”** deposited on 30/11/2016 - Politecnico di Milano.
 - Inventors: China Sonia, **Ferraro Venere**, Corradi Belen, Holter Marius, Pietrzykowski Kasper
- 2015
- National Patent n. **102015000070890** with the title **“Giunto ad incastro con sfere”** deposited on 10/11/2015, Politecnico di Milano.
 - Inventors: Miguel Melo Posada, **Venere Ferraro**
- 2015
- National Patent n. **002919985** with the title **“Set da costruzione per bambini”** deposited on 22/12/2015 - Politecnico di Milano.
 - Inventors: Miguel Melo Posada, **Venere Ferraro**
- 2011
- National Patent n. **T 0 0 1 8 4 7 6 9 0** with the title **“Contenitore per le pizze”** deposited on 07/04/2012 - Politecnico di Milano.
 - Inventors: Andrea Rizzardi, **Venere Ferraro**
- 2008
- National Patent n. **TO2008A000298** with the title **“Cooking device”** deposited on 16/04/2008, Indesit – Politecnico di Milano. Inventors D. Bongini, M. Canina, **V. Ferraro**, L. Melotti, S. Palmeto

7. GRANTS AND AWARDS

- April 2018 ■ MIUR- Ministero dell'Università e della Ricerca | Procedure for the Award of The National Scientific Qualification ("Abilitazione Scientifica Nazionale") as Associate Professor. ■ She obtained the **National Scientific qualification to function as associate professor** in Italian Universities.
- 2017 ■ MIUR- Ministero dell'Università e della Ricerca | Fondo Finanziamento dell'attività Ricerca di Base (FFABR) ■ **Winner of Individual Funding for Basic Research Activities.** The award was given based on the research results achieved from 2012 and 2016.
- 2009 ■ Fondazione F.lli Rocca | Massachusetts Institute of Technology | Politecnico di Milano ■ Winner of **ROBERTO ROCCA DOCTORAL FELLOWSHIP at MIT** | MIT Massachusetts Institute of Technology Media Lab | Harvard-MIT Division of health science and technology
- 2006 ■ Politecnico di Milano | Dipartimento INDACO University of New South Wales | Biomedical Systems Laboratory and Laboratory for Health Telematics of UNSW ■ **Winner of POST MASTER SCHOLARSHIP FOR THE STUDY-TRAVEL IN AUSTRALIA issued by Lombardia Region**

8. SCIENTIFIC PUBLICATIONS

8.1 Books

- Forthcoming
- Venere Ferraro, Alberto Gallace, **“Interaction Design: Perspectives and Approaches”**, Oxford University Press (publication due by September 2018)
- 2012
- Venere Ferraro, **“The Designer Approach to the wearable technologies-A Practice based research”**, Maggioli Editore, January 2012

8.2 Contributions on scientific books (Peer Review)

- 2018
- Venere Ferraro, Mila Stepanovic, Silvia Ferraris, **“Wearable technology as a tool to motivate health behaviour: A case study”**. In (ed.) Dr. Jesús Hamilton Ortiz *“Wearable Technologies”*, InTech Publishing, 2018.
 - *Book indexed in the Book Citation Index in the Web of Science™ Core Collection (BKCI)*
- 2018
- Parisi, Stefano; Spallazzo, Davide; Ferraro, Venere; Ferrara, Marinella; Ceconello, Mauro Attilio; Garcia, Camilo Ayala; Rognoli, Valentina, **“Mapping ICS materials: Interactive, connected, and smart materials”**. In (ed.) W. Karwowski, T. Ahram *“Intelligent Human Systems Integration”* p. 739 – 744, Springer Verlag, 2018.
 - *SCOPUS indexed Book.*
- 2017
- Che Me R., Ferraro V., Biamonti A. (2017). **“A Pilot Study of a Wearable Navigation Device with Tactile Display for Elderly with Cognitive Impairment”**. In: (ed.): Paolo Perego Giuseppe Andreoni Giovanna Rizzo, *“Wireless Mobile Communication and Healthcare”* p. 406-414, Springer International Publishing, 2017.
 - *SCOPUS indexed Book.*
- 2017
- Venere Ferraro, Venanzio Arquilla (2017). **“The Role of Design as Technology Enabler: A Personalized Integrated Predictive Diabetes Management System”**. In: (ed.): Paolo Perego Giuseppe Andreoni Giovanna Rizzo, *“Wireless Mobile Communication and Healthcare”* p. 406-414, Springer International Publishing, 2017.
 - *SCOPUS indexed Book.*
- 2017
- Ferraro V., Stepanovic M., Ferraris S.D. (2017). **“Wearability and User Experience Through User Engagement: The Case Study of a Wearable Device”**. In: (Ed) Tareq Ahram Christianne Falcão, *“Advances in Human Factors in Wearable Technologies and Game Design. Advances in Intelligent Systems and Computing,”* p. 125-135, Springer International Publishing, 2017.
 - *SCOPUS indexed Book.*

8.3 Contributions on scientific books

- 2018
- Venere Ferraro, **“Fare Ricerca attraverso il progetto”**. In: (ed.) Alessandro Biamonti, **“DESIGN & ALZHEIMER. Dalle esperienze degli Habitat Terapeutici al modello GRACE”**, Franco Angeli, 2018.
- 2010
- Venere Ferraro, **“Progettare attorno al corpo: il design incontra tecnologia&textile”**. In: Marita Canina (ed) **“Design e Tecnologie Indossabili,”** Franco Angeli, 2010.
- 2009
- Andrea Grasseli, Venere Ferraro, **“Dare Forma alle idee”**. In (ed.) Laura Anselmi **“Il Design di prodotto Oggi progettare con gli utenti gli elettromedicali”**, Franco Angeli, 2009.
- 2009
- Venere Ferraro, **“Il designer ed il benessere nell’ambiente ospedaliero in funzione di un rinnovato rapporto corpo-mente”**. In (ed.) Marco Maiocchi **“Design & Sanità”**, Maggioli 2008.
- 2008
- Venere Ferraro, **“I cambiamenti socio-economici”**. In (ed.) Maximiliano Romero, Marco Bedognetti **“Overbank- Appunti e Visioni sulla banca del futuro”**, Grafiche Aurora 2008.
- 2008
- Barbara Colombo, Marina Carulli, Venere Ferraro, **“Quattro Casi Esemplari”**. In (ed.) Lucia Rampino **“L’Impresa di successo”**, McGraw-Hill 2008.
- 2006
- Venere Ferraro, **“Tecnologie Wearable: un esempio di approccio”**. In (ed.) Marita Canina, Federico Vicentini **“Il progetto in BioDesign. La ricostruzione di un percorso”**, Aracne 2006.
-

8.4 Journal Articles

- 2018
- Venere Ferraro, Lucia Rampino, Mila Stepanovic, **Wear me! I’m smelling odours for safeguarding your health**, (Submitted)
▪ SCOPUS and ESCI (Emerging Sources Citation Index - Web of Science, Thomson Reuters) indexed Journal.
- 2017
- Venere Ferraro, Mila Stepanovic & Silvia Ferraris (2017) **“Persuasive Technology as key to increase Working Health Condition. The Case study of a Wearable System to prevent Respiratory Disease”**, The Design Journal, 20: sup1, S2439-S2450, DOI: 10.1080/14606925.2017.1352757.
▪ WOS (Web of Science™) Indexed Journal.
- 2017
- Silvia D. Ferraris, Lucia Rampino & Venere Ferraro (2017) **“Make it beautiful”. An old request with difficult academic answers**, The Design Journal, 20:sup1, S236-S248, DOI: 10.1080/14606925.2017.1352871
▪ WOS (Web of Science™) Indexed Journal.
-

8.5 Conference Papers

- 2018 ■ Francesca Mattioli, Venere Ferraro, Silvia Ferraris "**Mybias: a web-based tool to overcome communication issues and foster creativity in heterogeneous design teams**", International conference on engineering and product design education 6 & 7 September 2018, Dyson School of Design Engineering, Imperial College, London, United Kingdom
- 2018 ■ Mila Stepanovic, Venere Ferraro, "**Digitalize limits for increased capability: Technology to overcome Human Mechanisms**", 9th International Conference on Applied Human Factors and Ergonomics (AHFE 2018) and the Affiliated Conferences, Loews Sapphire Falls Resort, Universal Studios Orlando™, Florida, USA July 21-25, 2018
- 2018 ■ Francesca Mattioli, Venere Ferraro, Silvia Ferraris, Lucia Rampino "**My-bias: A web-based tool to overcome Designers' Biases in Heterogeneous Design Teams**", DRS 2018, University of Limerick, 25-28 June 2018.
- 2017 ■ Silvia Ferraris, Venere Ferraro, Giorgio Colombo "**Merging product design and mechanical engineering approaches into a master lever design studio course**" International Conference on Innovative Design and Manufacturing (ICIDM). Milano, Italy, 17-18 July 2017
- 2016 ■ Venere Ferraro, Mila Stepanovic, Silvia Ferraris, "**Engaging with the user: Defining and Designing the user experience**", SAFERA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety 12-13 April, Athens, Greece.
- 2016 ■ Ferraro Venere, Colombo Sara. "**Design tools for beginners: teaching a design approach to practitioners with mixed backgrounds**". In: Design Education: Collaboration and Cross-disciplinarity, Aalborg University, Denmark, 8 & 9 September 2016
- 2015 ■ Venere Ferraro, "**Smart Textiles and Wearable Technologies for Sportswear: A design Approach**", 2nd International Electronic Conference on Sensors and Applications, 15-3- November 2015
- 2015 ■ Venere Ferraro, "**Product Experience and Well-Being: An Interactive Interpreter for Diabetic Children**", Eum Design Connects, 17-23 October 2015, Gwangju, Korea
- 2015 ■ Silvia Ferraris, Venere Ferraro, "**When Design Innovation Outdoes the Archetypes**" ICERI2015, the 8th annual International Conference of Education, Research and Innovation, 16-18 November 2015, Seville, Spain.
- 2015 ■ Venere Ferraro, "**The investigation of new technologies for the novel concept of a Plurisensorial Wearable Device to prevent occupational disease**", International Conference of Innovative Technologies, 9-11 September 2015, Dubrovnik, Croatia.
- 2015 ■ Venere Ferraro, Lucia Rampino, "**Designing a system interface for elderly people in a smart home system: A practice-based research**", Design4Health 2015 July 13, 2015 – July 16, 2015

- 2014 ▪ Venere Ferraro, Matteo Ingaramo, **“When Human Body Meets Technology: The Designer Approach to Wearable Devices”**, 5th STS Italia Conference, A Matter of Design: Making Society through Science and Technology, Milan, 12–14 June 2014
- 2014 ▪ Venere Ferraro, Silvia Ferraris, Valentina Mullano, **“Designing wearable device for the improvement of diabetic children well-being through emotional design and user centred approach”**, Proceedings of Cumulus Conference 2013, 7-9 November 2013, Dublin
- 2014 ▪ Venere Ferraro, **“Exploiting smart textile potentialities: a practice-based study”**, Planning, Design, Technology Journal, no.2
- 2013 ▪ V. Ferraro, M. Ingaramo, **“An explorative approach to master thesis development: design driven innovation through mode of use lever and participatory design”**, 6th International Conference of Education, Research and Innovation, Seville, Spain, 18-20 November, 2013
- 2013 ▪ Silvia Ferraris, Venere Ferraro, **“Visual elements of products. an educational experience on “resetting and reshaping a product”**, International conference on engineering and product design education 5 & 6 September 2013, Dublin institute of technology, Dublin, Ireland
- 2011 ▪ Venere Ferraro, Secil Ugur, **“Designing wearable technologies through a user centered approach”**, DPPI 11, Designing pleasurable products and interface, Politecnico di Milano, Milan 22-25 June 2011
- 2011 ▪ Venere Ferraro, Roberta Gorno, Lucia Rampino, **“An educational experience through an explorative design process: form giving, affordances and technology”**, Inted 2011, International Technology, Education and Development Conference, 5th edition, Valencia, 7-9 March, 2011
- 2011 ▪ Venere Ferraro, Marita Canina, **“A new approach to wearable systems: Biodesign beyond the boundaries”**, Icord 11, International Conference on Research into Design, Indian Institute of Science, Bangalore, 10-12 January 2011
- 2010 ▪ Marita Canina, Venere Ferraro, **“Research and didactic for an explorative way of learning IndossaME: design for a proactive life style. A didactic experience”**, Connected 2010 – 2nd International Conference on Design Education 28 June - 1 July 2010, University of New South Wales, Sydney, Australia
- 2009 ▪ Marita Canina, Venere Ferraro, **“Designing new scenarios of wearables through biodesign methods”**, 6th edition of the International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health (pHealth 2009), 24-26 June 2009, Oslo, Norway
- 2009 ▪ Venere Ferraro, Maria Pacelli, Marita Canina, Rita Paradiso, Danilo De Rossi, Paolo Bonato, **“Designing a sensorized glove for-post stroke rehabilitation”**, 6th edition of the International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health (pHealth 2009), 24-26 June 2009, Oslo, Norway
- 2009 ▪ Marita Canina, Venere Ferraro, **“Design for proactive wearability”**, Swiss Design Network Symposium '09, 12 – 13 November 2009, Lugano, Switzerland

- 2008
 - Marita Canina, Venere Ferraro, **“The Biodesign approach to Wearable Device”s**, 5th International Workshop on Wearable and Implantable Body Sensor Networks, in conjunction with the 5th IEEE-EMBS International Summer School and Symposium on Medical Devices and Biosensors, The Chinese University of Hong Kong, Hong Kong, China on 1-3 June 2008
- 2008
 - Marita Canina, Venere Ferraro, Jennifer Signaroli, **“Wearability in the development of protection system for lower limb”**, 5th edition of the *International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health* (pHealth 2008), Conference Centre of the Polytechnic University of Valencia, in Valencia, Spain, May 21-23 2008
- 2008
 - Marita Canina, Venere Ferraro, **“Biodesign and Human Body: A New Approach in Wearable Devices”**, International Design Conference Cumulus Kyoto 2008, Cumulus (International Association of Universities and Colleges of Art, Design and Media) KyotoSeika University, Kyoto, Japan, 28-31 March, 2008

9. CONFERENCES

9.1 Conferences Involvement

- 2016
 - **6th EAI International Conference on Wireless Mobile Communication and Healthcare - "Transforming healthcare through innovations in mobile and wireless technologies"**
 - Politecnico di Milano, 14-16 November 2016
 - Track Chair of the Session: Design Approach for mHealth solutions
- 2015
 - **Cumulus Conference. The Virtuous Circle. Design Culture and Experimenta on**
 - Politecnico di Milano, June 03-07, 2015
 - Serves as member of conference organizing committee.

9.2 Conferences Attended

- 2017
 - Torre Iberdola, Bilbao, Spain | May 18, 2017 –May 19, 2017
 - **5th SAFERA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety"**
 - Invited speaker: Venere Ferraro, POD Project Coordinator
- 2017
 - Torre Iberdola, Bilbao, Spain | May 18, 2017 –May 19, 2017
 - **5th SAFERA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety"**
 - Invited speaker: Venere Ferraro, POD Project Coordinator
- 2017
 - Torre Iberdola, Bilbao, Spain | May 18, 2017 –May 19, 2017
 - “Authorize the use of personal data under the D. lgs. 196/03”

- **5th SAFERA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety"**
 - Invited speaker: Venere Ferraro, POD Project Coordinator

- 2016
 - National Centre for Scientific Research, Athens, Greece | April 12, 2016 – April 13, 2016
 - **SAFERA Symposium Emergence of a New Collaborative Work Programme on Industrial Safety**
 - Invited speaker: Venere Ferraro, POD Project Principal Investigator

- 2015
 - Sheffield University | July 13, 2015 – July 16, 2015
 - **Design 4 Health 2015**

- 2014
 - Politecnico di Milano – Bovisa Campus | June 12-14, 2015
 - **The 5th STS Italia Conference. A Matter of Design**

- 2013
 - Shenkar University of Engineering, Art, Design | November 23-25 2013
 - **Creativity 4 Business in 4 Points**
 - Invited speaker: Venere Ferraro “Enhancing Creativity-Design Thinking Approach”

- 2013
 - National College of Art and Design | November 7-9 2013
 - **Cumulus Dublin 2013**

- 2011
 - Politecnico di Milano – Bovisa Campus | June 22-25, 2011
 - **DPPI 11, Designing pleasurable products and interface**

- 2009
 - Bristol Hotel, Oslo | June 24-26, 2009
 - **6th phealth workshop on wearable micro and nano systems for personalised health - from research into practice**
 - Invited speaker: Venere Ferraro “Designing a sensorized glove for-post stroke rehabilitation”

- 2008
 - Universidad Politécnica de Valencia | May 24-26, 2008
 - **5th phealth workshop on wearable micro and nano systems for personalised health - from research into practice**

- 2006
 - **Plastic Electronics 2006 Conference, 2nd International Conference & Showcase |**
 - Frankfurt, Germany, October 24 - 25, 2006
 - Invited speaker: Venere Ferraro, *Biodesign: Wear-ability research for human body*

- 2006
 - University of New South Wales Sydney-Australia | June 28
 - **Workshop on Wearable monitoring technology for health, fitness and rehabilitation.**

10. PEER REVIEW

- 2018
- ServDes, the Service Design and Innovation conference
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://www.servdes.org>
- 2017
- 4D Designing Development, Developing Design"
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://4d-conference.com>
- 2017-2015
- **Desform Conference.**
 - Member of International Scientific Review Committee. Conference uses double- blind review process. Specifically, served as reviewer for the following editions:
 - Desform: Sense and Sensitivity 2017
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://desformx.org>
 - Desform: Aesthetics of Interaction: Dynamic, Multisensory, Wise 2015
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://www.desform2015.polimi.it/reviewers/>
- 2016-2015
- **Cumulus Conference.**
 - Member of International Scientific Review Committee. Conference uses double- blind review process. Specifically, served as reviewer for the following editions:
 - Open Design for E-very-thing – exploring new design purposes, 2016
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://cumulus.hkdihongkong2016.org>
 - Cumulus, The Virtous Cycle, 2015
 - **MEMBER OF INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <http://cumulusmilan2015.org/>
- 2014
- Wearauto, Wearable Technologies for automotive User Interface
 - **MEMBER OF INTERNATIONAL PROGRAMME COMMITTEE**
 - Conference uses double-blind review process. Serves as papers reviewer
 - <https://sites.google.com/site/wearautoui2014/program-committee>