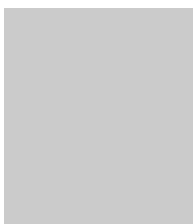



PERSONAL INFORMATION

Maximiliano Ernesto Romero



-  Via Terraggio 11, 20123, Milan, Italy
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-  maximiliano.romero@polimi.it
-  www.maxirom.it
-  Skype miximuxi

Sex Male | Date of birth 29/01/1973 | Nationality Argentinian and Italian

POSITION

Research Fellow

WORK EXPERIENCE

2011 to today

Research Fellow (Last 3, see older in annex A)

Since the end of PhD until now, has worked as contract researcher for the Design department of Politecnico di Milano in 7 main research programs related with **User Centred Design**. Please see detailed information about this Post-Doc research programs and participation to other parallels research programs in the “**Research Experience**” annex A.

- 1) from 2014 July, to 2015 July,
Gestural multichannel interaction to support educative and therapeutics activities for children with autism disorders., Department of Electronics, Information en Bioengineering., Via Ponzio 34/5 - Milano, Education and Research, Scientific Advisor, Prof. Franca Garzoto
- 2) from 2013 January, to 2014 January,
Healthcare Design: Design of technological systems applied to sailing for motor rehabilitation process monitoring., Department of Design, Politecnico di Milano – Lecco Campus, Lecco, Education and Research, Scientific Advisor, Prof. Giuseppe Andreoni
- 3) from 2011 January, to 2012 January,
Research and design of a cycling vehicle adaptive for different disabilities., Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Giuseppe Andreoni.

Business or sector Research.

2014 to today

Teaching (last 7, see older in the annex B)

Since the last years of the Master Degree, has been involved in university teaching activities in Argentina and Italy. He organized and teaches also in several Master Courses, Shorter Courses and International Workshops. Lasts experiences are listed bellow; please see detailed information and participation to other didactics programs in the “**Didactic Experience**” annex.

- 1) 2015, February 23rd, to, July, (2° Sem),
Problem Solving 2 In 093192 - Product Development Design Studio 2, 50, hs., English, Politecnico di Milano, School of Design + School of Engineering, Design & Engineering Master, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero + Andrea Bonarini
- 2) 2015, February 23rd, to, May, (2° Sem),
Interdisciplinary course of Robotics and Design (3rd Ed.), 50, hs., English, Politecnico di Milano, School of Design + School of Engineering, All Design Master Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero + Andrea Bonarini
- 3) 2014, October, to, March, (1° Sem),
Physical Computing Principles (3rd Ed.), 50, hs., Italian, Politecnico di Milano, School of Design, All Design Bachelor Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero

Business or sector Education

2014 to today **Product and Interaction Design (Last projects, see older in the annex C)**

Since Master Degree he worked in Product Design field. During university research period, the product design activity has been often directly related with research results. Some products are listed below, please find pictures and detailed information in the “**Design Experience**” annex.

- 1) from 2014, December, to today,
LonBot, Robot structure for emotional research. AirLab, Artificial Intelligence and robotic laboratory, Research and development, Via Rimembranze di Lambrate, Milano, Italy, **Product/ Interaction Designer**
- 2) from 2014, June, to today,
BasketBot, Basketball training robot, AirLab, Artificial Intelligence and robotic laboratory, Research and development, Via Rimembranze di Lambrate, Milano, Italy, **Product/ Interaction Designer**
- 3) from 2014, June, to today,
Teo, Soft robot for research in autistic field. AirLab, Artificial Intelligence and robotic laboratory, Research and development, Via Rimembranze di Lambrate, Milano, Italy, **Product/ Interaction Designer**
- 4) from 2014, March, to 2014, April,
Pick Chroma city, Crowd interactive exhibition, Utopia Srl. For Nokia, Exhibition and events, **Product/ Interaction Designer**

Business or sector Product Design

EDUCATION AND TRAINING

(from February 2004 to June 2007)

PhD in Industrial Design and Multimedia communication

Evaluation: With Merit,

Thesis: **Design & ICT: from Home automation to Intelligent products,**
Supervisor: Prof. Francesco Trabucco,
Resp.: Prof. Ezio Manzini,
Politecnico di Milano, Italy

(from October 1999 to December 2000)

Master in Human Factor

Evaluation: Optimum

Thesis: **Apriti Sesamo! Usability test applied to turnstiles to access control,**
Supervisor: Prof. Bandini Butti,
Resp.: Prof. Adriana Baglioni,
Politecnico di Milano, Italy

(from March 1992 to March 1999)

Industrial Designer Master of Scienze

Evaluation: 10 of 10 cum Iodum

Thesis: **Portable ergonomic workplace for musicians of symphonic orchestra.**
Supervisor: Prof. Guillermo Schellotto,
Resp.: Prof. Guillermo Vivian,
Universidad Nacional de Cordoba, Argentina

PERSONAL SKILLS

Mother tongue Spanish

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Italian	Perfect	Perfect	Perfect	Perfect	Perfect

English	B1	B1	B1	B1	B1
British Council, B1 level certificate (2009).					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills
 Confident with International public presentations at scientific level gained through research conference participation.
 Confident with team management of multicultural professionals gained through didactics activities in national and international context (Argentina, Brazil, Turkey, Belgium, Italy).
 Good negotiation skills gained to my experiences as company's consultant in product design field.

Organisational skills

- Many course, workshops and events have been organized since the beginning of university working life.
- Since 2011 leading **PhyCo Lab**, Physical Computing Laboratory of the Design Department of Politecnico di Milano. PhyCo Lab is a university research laboratory composed by one department's technician and student collaborators.
- Founder and actual directive commission of **RCAI** (Red de Cientificos Argentinos residents en Italia), a network of Argentinian scientific professionals living in Italy organized in collaboration with MinCyT (Science and Technology Ministry) and Embassy of Argentinian Republic

Job-related skills
Specialization Course

- 1) 2014 from 2014 January 11th to 2014 January 12th, **Robot Interface Design, workshop on Robotics & Design**, Participant, Resp.: Prof. Niccolo Casiddu, University of Genova, Italy
- 2) 2014 from 03 August 2014 to 03 August 2014, **RADRL (Safety in laboratory) Supervisor training course**, 03/08/2014, Attendant, Politecnico di Milano, Italy
- 3) 2011 from 2011 June to 2011 June, **Designing responsive products and ambient, Physical computing.**, Participant, Resp.: Massimo Banzi, SUPSI Lugano, Switzerland,
- 4) 2011 from 2011 July to 2011 July, **Arduino can cook for you, too!**, Participant, Resp.: LowerEastKitchen, New York City Resistor, Brooklyn, NY, USA,
- 5) 2001 from 2001 July 1st to 2001 August 2nd, **Summer Desing Workshop 2001, MDF panels: from product to integrated offer**, Participant, Resp.: Anna Lombardi, Centro Ricerche Fantoni with PoliDesign, Italy
- 6) 2000 from February 2000 to 23rd June 2000, **Packaging Design**, Participant, Resp.: Prof. Valeria Bucchetti, Centro di Formazione Permanente Riccardo Bauer, Italy,
- 7) 2000 from 16th October 2000 to 30 November 2000, **Web Design**, Participant, Domus Accademy, Italy.

Computer skills

- **Operative systems:** Confident with Windows and Mac OS. Basic knowledge of LINUX.
- **Office software:** Confident with Word, Excel, PowerPoint of Microsoft and LibreOffice. Basic knowledge of Project, Access.
- **3D modelling:** Confident with RhinoCeros, Basic knowledge of GrassHopper, FireFly
- **Rendering:** Basic knowledge of 3D studio Max and KeyShot
- **3D printing:** Cura, and Repetier Host
- **Programming:** Confident with Arduino and HTML, basic knowledge of Processing.
- **CSM:** Wordpress
- **Graphic Design:** Adobe Suite (Illustrator, Photoshop, InDesign)

Other skills

- Hand tools ability, making and hacking.
- Machinery tools (Soldering, Milling machine, Metal and wood lathe)
- Digital Fabrication machinery (3D printing, vinyl cutter, CNC milling machine, laser cutter)
- Physical Computing and electronics platform (Arduino, Raspberry, Trinket)

Driving licence

- Class A (Motorbikes), Class B (Cars), Italian Boat Licence

ADDITIONAL INFORMATION

Patents

- 1) 2007, **Chair Structure**, M. Romero, et. Al. EP2217109B1, Relevance: International
- 2) 2006, **Single Hand cutlery**, M. Romero, et. Al., MI2006A000183, Relevance: National
- 3) 2005, **Modular ergonomic chair**, M. Romero, et. Al. PCT/EP2005/004402, Relevance:

	<p>International.</p> <p>4) 2004, Modular ergonomic chair, M. Romero, et. Al. MI2004A000784, Relevance: National.</p>
<p>Award</p>	<p>1) National Scientific Certification by MIUR (Research, University and Instruction Ministry of Italian Republic), Bando 2012 (DD n. 222/2012), for Associated Professor level for 08/C1 disciplinary sector. 24/09/2013</p>
<p>Publications (please see de complete list in the annex)</p>	<p>Books (last)</p> <p>1) M. Romero, <i>Design e nuove tecnologie: Domotica e prodotti intelligenti</i>. 193 pag., Harlequin, Milano, Italy, 9788890243226, 2008.</p> <p>Book chapters (last)</p> <p>1) G. Andreoni, F. Costa, C. Frigo, E. Gruppioni, E. Pavan, M. Romero, B. Saldutto, L. Scapini, G. Verni, <i>Chapter 51: The integration of ethnography and movement analysis in disabled workplace development</i>, in, Vincent G . Duffy, <i>Advances in Applied Human Modeling and Simulation</i>, Pag., 507 - 516, CRC Press Taylor and Francis Group, USA, 9781439870310, 2013</p> <p>Conference proceedings. (last)</p> <p>1) G. Andreoni, P. Arslan, F. Costa, S. Muschiato, M Romero, <i>Ergonomics and design for Sustainability in Healthcare: Ambient Assisted Living and the social-environmental impact of patients lifestyle</i>. in WORK, 18th World Congress on Ergonomics 2012, 12-16 February 2012, Recife, Brazil, Pag. 1 - 6, IOS Press, 1051-9815, 2012</p> <p>Journals (last)</p> <p>1) M. Romero, L. Zengiaro, S. Mazzoni., <i>B-Bot: Il robot avicolo</i>, Elettronica IN, Pag., 90 - 95, Italy, 1124-8548, 2014</p> <p>2) A. Bonarini, M. Romero, <i>Robotics and Design: An Interdisciplinary Crash Course</i>, in IEEE Transactions on Education, Pag., 110 - 115, 0018-9359, 2013</p>

ANNEXES

Detailed information are listed in the annexes below:

- Annex A: **Research** activity detailed information with complete list of books, chapters and conference proceedings contributes.
- Annex B: **Teaching** activity detailed information
- Annex C: **Product and Interaction design** activity detailed information

Autorizzo il trattamento dei dati personali ai sensi del D. lgs. 196/03.


Maximiliano Romero

Dichiaro che quanto riportato nel presente Curriculum Vite corrisponde a verità ai sensi del D.P.R. 445/2000.


Maximiliano Romero

ANNEX A

- Research Fellow | 1) from 2010 August, to 2011 January,

(Continuation)

- Contribution of User Centred Design to applied research.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor: Prof. Giuseppe Andreoni
- 2) from 2009 September, to 2010 January, **Promotion of design's PhD in national and international context.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor: Prof. Ezio Manzini
- 3) 2008 August to 2009 August **IndeXit, Development of an ergonomic index for home appliances evaluation**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion, Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor: Prof. Arturo Dell'acqua and Prof.: Giuseppe Andreoni
- 4) 2007 July to 2008 July **Easy Fridge, Development of an accessible system for food conservation**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion, Via Durando 38/A, 20158, Milano. Education and Research, Scientific Advisor: Prof. Giuseppe Andreoni

 Research activity
 (Detailed list of research projects)

- 5) from 2008 August, to 2009 August, **IndeXit, Development of an ergonomic index for home appliances evaluation.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Arturo Dell'acqua and Prof. Giuseppe Andreoni, In collaboration with: Fondazione Politecnico, Indesit Company, Main activities: User research, concept design, prototype development, usability test.
- 6) from 2007 July, to 2008 July, **Easy Fridge, Development of an accessible system for food conservation.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Giuseppe Andreoni, In collaboration with: Fondazione Politecnico, Indesit Company, Main activities: User research, concept design, prototype development, usability test.
- 7) from 2014 July, to 2015 July, **Support to the research activity. Scientific and didactic coordination of "Physical Computing Lab" activities according with new methodologies and strategies of fabbing/making for interactive prototypes.**, Department of Design, Politecnico di Milano, Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Giuseppe Andreoni, , Main activities: User research, concept design, prototype development, usability test.
- 8) from 2011 November, to 2012 January, **Using eyetracking technology to analisis Web applications for banking.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Banca Intesa, Main activities: User research, concept design, prototype development, usability test.
- 9) from 2010 September, to 2011 September, **Research and development of VDT workplace for wheelchair users.**, Department of Design, Politecnico di Milano, Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: INAIL.(Istituto Nazionale di Assicurazione Infortuni sul Lavoro), Main activities: User research, concept design, prototype development, usability test.
- 10) from 2009 September, to 2010 July, **MOHE (MOBile and HEalth for the future); Future scenario building of mobile communication for health and healthcare**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Mobile Communications Division, Samsung Electronics CO., Ltd., Main activities: User research, concept design, prototype development, usability test.
- 11) from 2009 September, to 2010 April, **Researching the innovation in the natural wood kitchen market.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Grattarola Srl., Main activities: User research, concept design, prototype development, usability test.
- 12) from 2009 September, to 2009 November, **Design for All**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Giuliano

- Simonelli, In collaboration with: Confartigianato della Lombardia – Regione Lombardia, Main activities: User research, concept design, prototype development, usability test.
- 13) from 2008 November, to 2010 November, **Babylandia**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Regione Lombardia, Metadistretti, Main activities: User research, concept design, prototype development, usability test.
 - 14) from 2008 January, to 2009 January, **Sensorwear: wearable system for physiological monitoring**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Giuseppe Andreoni, In collaboration with: Regione Lombardia, Metadistretti, Main activities: User research, concept design, prototype development, usability test.
 - 15) from 2008 January, to 2009 January, **Development of guide-lines for ergonomics design of workplaces in industry.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Francesca Tosi, In collaboration with: Prof. Riccardo Tartaglia, Centro Ricerche in Ergonomia of Azienda Sanitaria di Firenze and Welfare ministry., Main activities: User research, concept design, prototype development, usability test.
 - 16) from 2008 January, to 2008 January, **Overbank, scenarios and visions of banking system future.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Arturo Dell'acqua, In collaboration with: Credito Valtellinese, Main activities: User research, concept design, prototype development, usability test.
 - 17) from 2006 January, to 2009 January, **Research and development of a workplace for university students.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Lamm S.p.a., Main activities: User research, concept design, prototype development, usability test.
 - 18) from 2006 February, to 2008 February, **IDEALI: Integrating design and furniture for personal autonomy.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, , In collaboration with: Regione Lombardia, Meta-distretti, Main activities: User research, concept design, prototype development, usability test.
 - 19) from 2006 February, to 2006 August, **Smart Kitchen Aids: Research and development of smart products for kitchen.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Raffaella Mangiarotti, Dipartimento Indaco, In collaboration with: Bialetti Spa, Main activities: User research, concept design, prototype development, usability test.
 - 20) from 2005 January, to 2006 January, **Computing home environment: Design and evaluation of the integration between human, technology and products. 2nd phase: Design and evaluation**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Adriana Baglioni, In collaboration with: MIUR - Ministero dell'istruzione, dell'università e della ricerca scientifica, Main activities: User research, concept design, prototype development, usability test.
 - 21) from 2004 January, to 2005 January, **Computing home environment: Design and evaluation of the integration between human, technology and products. 1st phase: Preliminary research**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Adriana Baglioni, In collaboration with: MIUR - Ministero dell'istruzione, dell'università e della ricerca scientifica, Main activities: User research, concept design, prototype development, usability test.
 - 22) from 2004 January, to 2005 January, **Technological innovation in the enology field, research and development of Univac wine's pump.**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Politecnico Innovazione e Finder pompe S.p.a., Main activities: User research, concept design, prototype development, usability test.
 - 23) from 2003 January, to 2004 January, **Research and development of the new tube bending machine CA 519**, Politecnico di Milano – INDACO Department – Industrial Design, Art, Communication and Fashion., Via Durando 38/A, 20158, Milano, Education and Research, Scientific Advisor, Prof. Fiammetta Costa, In collaboration with: Politecnico

Innovazione e Crippa, Main activities: User research, concept design, prototype development, usability test.

(continue) Publications

Books

- 2) M. Romero, *Design e nuove tecnologie: Domotica e prodotti intelligenti*. 193 pag., Harlequin, Milano, Italy, 9788890243226, 2008.
- 3) M. Romero, M. Maiocchi, S. Ferraris, *Esercizi di stile, Esperimenti di trasposizione stilistica nel design della comunicazione*, 221 pag., Libreria Clup, Milano, Italy, 978870909212, 2006.

Edited

- 2) M. Romero, M. Bedognetti, *Overbank, appunti e visioni sulla banca del futuro*, 112, pag., Grafiche Aurora, Verona, Italy, 9788886899550, 2008

Book chapters

- 3) G. Andreoni, F. Costa, C. Frigo, E. Gruppioni, E. Pavan, M. Romero, B. Saldutto, L. Scapini, G. Verni, *Chapter 51: The integration of ethnography and movement analysis in disabled workplace development*, in, Vincent G. Duffy, *Advances in Applied Human Modeling and Simulation*, Pag., 507 - 516, CRC Press Taylor and Francis Group, USA, 9781439870310, 2013
- 4) G. Andreoni, F. Costa, M. Mazzola, M. Fusca, M. Romero, E. Carniglia, D. Zambambieri, G. C. Santambrogio, *Chapter 1: A multifactorial approach and method for assessing ergonomic characteristics in biomedical technologies*, in, *Advances in Human Aspects of Healthcare*, Pag., 3 - 12, CRC press, USA, 9781439870211, 2013
- 5) S. Muschiato, M. Romero, P. Perego, F. Costa, G. Andreoni, *Chapter 48. Designing Wearable and Environmental Systems for Elderly Monitoring at Home*, in, *Advances in Social and Organizational Factors*, Pag., 463 - 469, CRC Press, USA, 9781439870198, 2013
- 6) M. Mazzola, G. Andreoni, G. Campanardi, F. Costa, G. Gibertini, D. Grassi, M. Romero, *An Ergonomic and Aerodynamic Study for a Quantitative Assessment of Paralympics Athlete's Performance*, in, *Advances in Physical Ergonomics and Safety*, Pag., 1 - 8, CRC Press Taylor and Francis Group, Boca Raton, USA, 9781439870389, 2013
- 7) M. Mazzola, G. Andreoni, G. Campanardi, F. Costa, G. Gibertini, D. Grassi, M. Romero, *Chapter 60. Effects of seat and handgrips adjustments on a Hand Bike vehicle. An ergonomic and aerodynamic study for a quantitative assessment of Paralympics athlete's performance*, in, Francisco Rebelo, *Advances in Usability Evaluation Part I*, Pag., 569 - 576, CRC press, USA, 9781439870242, 2012
- 8) L. Forzoni, N. Guraschi, C. Fertino, M. Delpiano, G. Santambrogio, G. Baselli, F. Costa, M. Romero, G. Andreoni, *Chapter 2: Case Study of integrated ergonomic assessment of a Portable Ultrasound System*, in, Vincent G. Duffy, *Advances in Human Aspects of Healthcare*, Pag., 13 - 22, CRC Press, USA, 9781439870211, 2012
- 9) H. Nam, F. Costa, M. Romero, G. Andreoni, *Chapter 25: Proactive Design of a Hospital Environment with Multifaceted Ergonomic Considerations*, in, Vincent G. Duffy, *Advances in Human Factors and Ergonomics in Healthcare*, Pag., 201 - 210, CRC Press, Taylor and Francis Group, USA, 9781439834978, 2010
- 10) M. Romero, P. Perego, G. Andreoni, F. Costa, *New strategies for technology products development in HealthCare*, in, Meng Joo Er, *New Trends in Technologies: Control, Management, Computational Intelligence and Network Systems*, Pag., 131 - 142, Sciyo, 9789533072135, 2010
- 11) M. Mazzola, E. Preatoni, N. Emmanuele, M. Romero, F. Costa, G. Andreoni *Chapter 75: DHM for Ergonomical Assessment of Home Appliances*, in, Gavriel Salvendy, *Advances in Human Factors, Ergonomics, and Safety in Manufacturing and Service Industries*, Pag., 725 - 732, CRC Press, USA, 9781439834992, 2010
- 12) G. Andreoni, L. Anselmi, F. Costa, M. Mazzola, E. Preatoni, M. Romero, B. Simionato, *Chapter 9: Human Behaviour Analysis and Modelling: A Mixed Method Approach*, in, Vincent G. Duffy, *Advances in Applied Digital Human Modeling*, Pag., 77 - 83, CRC Press, Taylor and Francis Group, USA, 9781439835111, 2010
- 13) G. Andreoni, M. Mazzola, O. Ciani, M. Zambetti, M. Romero, F. Costa, E. Preatoni, *Method for Movement and Gesture Assessment (MMGA) in Ergonomics*, in, Vincent G. Duffy, *Digital Human Modeling*, Pag., 591 - 598, Springer-Verlag, Berlin Heidelberg, Germany, 9783642028083, 2009
- 14) M. Romero, F. Costa, G. Andreoni, M. Mazzola, J. Vargas, L. Conenna, *Proactive Ergonomics in Refrigerator Concept Development*, in, M. Kurosu *Human Centered Design*, Pag., 627 - 634, Springer-Verlag, Berlin Heidelberg, Germany, 9783642028052, 2009
- 15) M. Romero, M. Gong, *Design meeting social issues, a design process and experiences*

- for obesity*, in, Lupo, E., Campagnaro, C., International Summer School, Designing connected places, Editrice Compositori, Bologna, Italy, 9788877946607, 2009
- 16) M. Romero, *Il multiagente bancario, nuove tecnologie per l'accesso a contenuti informativi complessi*, in, M. Romero, M. Bedognetti, Overbank, appunti e visioni sulla banca del futuro, Pag., 49 - 60, Grafiche Aurora, Verona, Italy, 9788886899550, 2008
 - 17) M. Romero, *Bank ID, Applicazione delle tecnologie biomediche all'ambiente bancario*, in, M. Romero, M. Bedognetti, Overbank, appunti e visioni sulla banca del futuro, Pag., 36 - 48, Grafiche Aurora, Verona, Italy, 9788886899550, 2008
 - 18) M. Romero, *Interaction in Ambient Intelligence*, in, Bagnara, S., Tartaglia, R. Tosi, F., L'ergonomia tra innovazione e progetto, sistemi di lavoro e stili di vita. VIII Congresso nazionale SIE, Pag., 302 - 305, Moretti & Vitali Editore, Milano, Italy, 978871863151, 2006
 - 19) M. Romero, *Costruzioni di scenari per la Domotica*, in, Ferraris, S., Maiocchi, M., L'invasione degli Infoprodotti, Riflessioni di design per una tecnologia domotica dal volto umano, Pag., 79 - 102, Aracne, Roma, Italy, 978854803545, 2005
 - 20) M. Romero, *Dal concept al prodotto*, in, Canina, M., Vicentini, F., Il progetto in BioDesign, La ricostruzione di un percorso, Pag., 89 - 105, Aracne, Roma, Italy, 978854803596, 2005
 - 21) M. Romero, *Ergonomia e trasporti, i diversi ambiti d'intervento*, in, Chiddo, E., Transportation Design Learning, CETMA, Brindisi, Italy, 2005

Journals

- 3) M. Romero, L. Zengiaro, S. Mazzoni., *B-Bot: Il robot avicolo*, *Elettronica IN*, Pag., 90 - 95, Italy, 1124-8548, 2014
- 4) A. Bonarini, M. Romero, *Robotics and Design: An Interdisciplinary Crash Course*, in *IEEE Transactions on Education*, Pag., 110 - 115, 0018-9359, 2013
- 5) G. Andreoni, P. Arslan, F. Costa, S. Muschiato, M. Romero, *Ergonomics and design for sustainability in healthcare: ambient assisted living and the social-environmental impact of patients lifestyle*, in *WORK*, Pag., 3883 - 3887, 1875-9270, 2012
- 6) G. Andreoni, M. Mazzola, O. Ciani, M. Zambetti, M. Romero, F. Costa, E. Preatoni., *Quantitative body movement and gesture assessment in ergonomics*, in *International journal of human factors modelling and simulation*, Pag., 390 - 405, 1742-5549, 2010
- 7) M. Romero, *Il futuro dell'intrattenimento domestico*, in *Casa Futura*, Maggioli editori, Italy, 2007

Conference proceedings.

- 2) G. Andreoni, P. Arslan, F. Costa, S. Muschiato, M. Romero, *Ergonomics and design for Sustainability in Healthcare: Ambient Assisted Living and the social-environmental impact of patients lifestyle*. in *WORK*, 18th World Congress on Ergonomics 2012, 12-16 February 2012, Recife, Brazil, Pag. 1 - 6, IOS Press, 1051-9815, 2012
- 3) S. Muschiato, M. Romero, P. Perego, F. Costa, G. Andreoni, *Designing Wearable and Environmental Systems for Elderly Monitoring at Home*, in *Applied Human Factors and Ergonomics (AHFE 2012)*, San Francisco, CA, USA, Pag. 1 - 7, 2012
- 4) G. Andreoni, F. Costa, C. Frigo, E. Gruppioni, E. Pavan, M. Romero, B. Saldutto, L. Scapini, G. Verni, *The integration of ethnography and movement analysis in disabled workplace development*, in *Applied Human Factors and Ergonomics (AHFE 2012)*, San Francisco, CA, USA, Pag. 1 - 9, 2012
- 5) G. Andreoni, F. Costa, M. Mazzola, M. Fusca, M. Romero, E. Carniglia, D. Zambarbieri, G. C. Santambrogio, *A multifactorial approach and method for assessing ergonomic characteristics in biomedical technologies*, in *Applied Human Factors and Ergonomics (AHFE 2012)*, San Francisco, CA, USA, Pag. 1 - 9, USA, 2012
- 6) C. E. Standoli, M. Romero, G. Vazzoler, *Learning product design for particular needs: 3ike case study, a bike for children with cerebral palsy*, in *EDULEARN12*, International Conference Education and New Learning Technologies, 02-07 July 2012, Barcelona, Spain, Pag. 1 - 9, 9788469534915, 2012
- 7) M. Romero, P. Perego, F. Costa, G. Vignati, D. Veronesi, *Teaching and learning physical computing: a experimental method for industrial design faculty*, in *EDULEARN12*, International Conference Education and New Learning Technologies, 02-07 July 2013, Barcelona, Spain, Pag. 1 - 1, 2012
- 8) S. Muschiato, P. Arslan, M. Romero, *designing pleasurable products and interfaces*, in *DPPI Milano*, Italy, Pag. 157 - 160, 2011
- 9) A. Bonarini, F. Costa, M. Garbarino, M. Matteucci, M. Romero, S. Tognetti, *Affective Videogames: The Problem of Wearability and Comfort*, in *Human-Computer Interaction. Users And Applications*, International Conference on Human-Computer Interaction, Orlando, Florida, Pag. 649 - 658, 9783642216183,

- 2011
- 10) G. Andreoni, F. Costa, C. Frigo, S. Muschiato, E. Pavan, L. Scapini, M. Romero, *Disable Workstation Development: A Multicompetence Approach to Human Behaviour Analysis*, in *Universal Access in Human-Computer Interaction. Users Diversity*, International Conference on Human-Computer Interaction, Orlando, Florida, Pag. 263 - 270, Springer Verlag, Berlin Heidelberg, Germany, 9783642216626, 2011
 - 11) G. Andreoni, F. Costa, M. Mazzola, E. Preatoni, M. Romero, *Design of User-Centered Health Products and Services at Home: the experience of HCD team*, in *BioMed@POLIMI: 20 years and beyond*, 1st Workshop on the Life Sciences at Politecnico di Milano, 30 November 2010, Milano, Italy, Pag. 425 - 428, Poliscript 2011, 9788864930084, 2010
 - 12) G. Andreoni, F. Costa, M. Romero, P. Perego, L. Piccini, *Wearable Sensors and BCI for Home Care, communication and automation control*, in *BioMed@POLIMI: 20 years and beyond*, 1st Workshop on the Life Sciences at Politecnico di Milano, 31 November 2010, Milano, Italy, Pag. 418 - 420, Poliscript 2011, 9788864930084, 2010
 - 13) G. Andreoni, P. Arslan, F. Costa, S. Muschiato, M. Romero, H. Nam, P. Perego, *Next Generation Mobile Healthcare Services through Collaborative Design Development*, in *BioMed@POLIMI: 20 years and beyond*, 1st Workshop on the Life Sciences at Politecnico di Milano, 32 November 2010, Milano, Italy, Pag. 421 - 424, Poliscript 2011, 9788864930084, 2010
 - 14) G. Andreoni, F. Costa, M. Mazzola, S. Muschiato, P. Perego, M. Romero *Ergonomics and Design in Healthcare: a Multifactorial User-Centred Approach to Biomedical Assistive Devices*, in *BioMed@POLIMI: 20 years and beyond*, 1st Workshop on the Life Sciences at Politecnico di Milano, 33 November 2010, Milano, Italy, Pag. 309 - 311, Poliscript 2011, 9788864930084, 2010
 - 15) E. Pizzi, S. Capolongo, F. Schiaffonati, G. Andreoni, A. Baglioni, L. Chiara, C. Chesi, R. Contro, R. Fumero, C. Masella, E. Mussinelli, M. Romero, G. Santambrogio, C. Stevan, A. Tartaglia, O. Tronconi, *Domotics and Health Building Infrastructures*, in *BioMed@POLIMI: 20 years and beyond*, 1st Workshop on the Life Sciences at Politecnico di Milano, 34 November 2010, Milano, Italy, Pag. 403 - 410, 9788864930084, 2010
 - 16) M. Mazzola, E. Preatoni, N. Emmanuele, M. Romero, F. Costa, G. Andreoni *DHM for Ergonomical Assessment of Home Appliances*, in *AHFE 3rd International Applied Human Factors and Ergonomics Conference*, 17-20 July 2009, Miami, USA, Pag. 1 - 8, 2010
 - 17) G. Andreoni, L. Anselmi, F. Costa, M. Mazzola, E. Preatoni, M. Romero, B. Simionato, *Human behaviour analysis and modelling: a mixed method approach*, in *AHFE 3rd International Applied Human Factors and Ergonomics Conference*, 17-20 July 2010, Miami, USA, Pag. 90 - 97, USA, 2010
 - 18) Tosi, F., Muschiato, S., Bellani, M., Romero, M., *Linee guida per la valutazione e la progettazione ergonomica delle postazioni di lavoro: Condizioni di usabilità e di sicurezza nelle fasi d'uso di macchinari e attrezzature per la piccola e media impresa manifatturiera*, in AA. VV. *Ergonomia: valore sociale e sostenibilità*, IX Congresso nazionale SIE, Rome, Italy, Nuova Cultura, 9788861345409, 2010
 - 19) G. Andreoni, P. Arslan, F. Costa, S. Muschiato, M. Romero, L. Orbetegli, G. Gobo, *Sustainable Children's Product Experience. University collaboration with Italian industry in Lombardy Region*, in *Sustainability in Design: Now!*, Bangalore, India, Pag. 1184 - 1195, 9781906093549, 2010
 - 20) M. Romero, F. Costa, G. Andreoni, M. Mazzola, J. Vargas, L. Conenna, *Proactive Ergonomics in Refrigerator Concept Development*, in *HCI International 2009*, 19-24 July 2010, San Diego, CA, USA, Pag. 627 - 634, 2009
 - 21) G. Andreoni, M. Mazzola, O. Ciani, M. Zambetti, M. Romero, F. Costa, E. Preatoni, *Method for Movement and Gesture Assessment (MMGA) in ergonomics*, in *LECTURE NOTES IN COMPUTER SCIENCE, ICDHM 2009, Digital Human Modeling Second International Conference*, Held as Part of HCI International 2009, 19-24 July 2009, San Diego, CA, USA, Pag. 591 - 598, Springer Berlin / Heidelberg, USA, 9783642028083, 0302-9743, 2009
 - 22) Caroline Martins de Assis, M. Romero, F. Costa, G. Andreoni, *GEO_ Global Ethnographic Observation: a case study on user centred design of dishwashers*, in *INTED2009 Proceedings CD*, Valencia, Spain, Pag. 4671 - 4674, 9788461275786, 2009
 - 23) M. Romero, M. Gong, F. Costa, *International Workshop Experiences in Healthcare*, in *INTED2009 Proceedings CD*, Valencia, Spain, Pag. 4625 - 4628, 9788461275786, 2009

- 24) M. Romero, M. Mazzola, F. Costa, G. Andreoni, *An Integrated method for a qualitative and quantitative analysis for an ergonomic evaluation of home appliances*, in *Measuring Behavior 2008*, Maastricht, Pag. 107 - 108, 9789074821810, 2008
- 25) M. Romero, *El designer de productos inteligentes*, in *1st International Congress of Design, Art and New Technologies: Ways, Exchanges and Frontiers*, Lisbona, Portugal, Pag. 1 - 5, ISCE, 9728980132, 2006
- 26) M. Romero, *Interaction in Ambient Intelligence*, in Bagnara, S., Tartaglia, R. Tosi, F. *L'ergonomia tra innovazione e progetto, sistemi di lavoro e stili di vita*. VIII Congresso nazionale SIE, Milano, Italy, Pag. 302 - 305, 8871863151, 2006

Posters

- 27) Arslan P., Nam H., Romero M., Perego P., Costa F., Andreoni G., Muschiato S. *MOHE: Mobile Health for moms, kids, adults and elderly*, in *ICDC2010 First International Conference on Design Creativity*, ICDC2010 First International Conference on Design Creativity, Kone (Japan), Pag. 1 - 1, 2010
- 28) C. Martins de Assis, M. Romero, F. Costa, G. Andreoni, *Global Ethnography for Intercultural Products: Dishwashers Experience*, *HCI International 2009*, 19-24 Luglio 2009, San Diego, CA, USA, 2009
- 29) M. Romero, F. Costa, Anil Ilgaz, P. Arslan, *Ergonomic approaches applied to product design. An international research and education experience*, in *ICERI2009*, Madrid, Spain, Pag. 1 - 1, 9788461329557, 2009

ANNEX B

Teaching activities
(Older courses)

- 1) 2014, March 10th, to, May, (2° Sem), **Interdisciplinary course of Robotics and Design (2nd Ed.)**, 50, hs., English, Politecnico di Milano, School of Design + School of Engineering, All Design Master Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero + Andrea Bonarini
- 2) 2013, October, to, March, (1° Sem), **Physical Computing Principles (2nd Ed.)**, 50, hs., Italian, Politecnico di Milano, School of Design, All Design Bachelor Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero
- 3) 2013, February, to, May, (2° Sem), **Interdisciplinary course of Robotics and Design (1st Ed.)**, 50, hs., English, Politecnico di Milano, School of Design + School of Engineering, All Design Master Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero + Andrea Bonarini
- 4) 2012, October, to, March, (1° Sem), **Physical Computing Principles (1st Ed.)**, 50, hs., Italian, Politecnico di Milano, School of Design, All Design Bachelor Tracks, Via Durando 10, 20158, Milano, Italy, Role: Organizer / Professor, Resp.: Maximiliano Romero
- 5) 2010, October, to, March, (1° Sem), **Human Factors for designers**, 50, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa.
- 6) 2010, March, to, July, (2° Sem), **Theory and methods of design studio**, 100, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa - Prof. Lorenzo Palmeri.
- 7) 2009, October, to, March, (1° Sem), **Human Factors for designers**, 50, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa
- 8) 2009, October, to, March, (1° Sem), **Final Synthesis Design Studio**, 100, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa
- 9) 2008, October, to, March, (1° Sem), **Final Synthesis Design Studio**, 100, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Laura Anselmi
- 10) 2008, October, to, March, (1° Sem), **Final Synthesis Design Studio**, 100, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa
- 11) 2007, October, to, March, (1° Sem), **Theory and methods of design studio**, 100, hs., Italian, Politecnico di Milano, Faculty of Design, Product Design Bachelor of Science, Via Durando 10, 20158, Milano, Italy, Role: Assistant, Resp.: Prof. Fiammetta Costa - Prof. Lorenzo Palmeri

Thesis supervision

- 1) **Walker**, Author: Xiaosu Xing, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 2) **IV Pole**, Author: Su Chang, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 3) **Transfer device from wheelchair to car seat**, Author: Hangdi Wu, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 4) **Play your Story, toy for communication and interaction with autistic children.**, Author: Carola Stinchelli, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 5) **O-Rits: rhythm & music, rehabilitative system**, Author: Yael Bendit, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 6) **Amerigo, kayak for stroke rehabilitation.**, Author: Matilde Sessolo, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 7) **Responsive morphologies**, Author: Alberto Giacobelli, Supervisor: Attilio Nebuloni, Ass. Sup.: Maximiliano Romero, Achitecture Master of Science, Politecnico di Milano., 2014
- 8) **Responsive morphologies**, Author: Antonio La Marca, Supervisor: Attilio Nebuloni, Ass. Sup.: Maximiliano Romero, Achitecture Master of Science, Politecnico di Milano., 2014
- 9) **Urban Shadow - Denim clothes collection inspired to Parkour. (wearable technology)**, Author: Irene Fedrigo, Supervisor: Maria Grazia Soldati, Ass. Sup.: Maximiliano Romero, Fashion Design Bachelor of Science, Politecnico di Milano., 2014
- 10) **Swing. Neonatal intensive care unit.**, Author: Francesco Roma, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
- 11) **SULU: Playing the light. Musical instrument for stroke rehabilitation.**, Author: Zeyu Rong, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico

- di Milano., 2014
- 12) **Goliath: Robot autonomous for two-dimensional cuts.**, Author: Lorenzo Frangi, Supervisor: Maximiliano Romero, Design & Engineering Master of Science, Politecnico di Milano., 2014
 - 13) **interactive book**, Author: Marta Zambelli, Supervisor: Mario Piazza, Ass. Sup.: Maximiliano Romero, Communication Design Bachelor of Science, Politecnico di Milano., 2014
 - 14) **Denim clothes collection with reactive characteristics.**, Author: Irene Gussoni, Supervisor: Maria Grazia Soldati, Ass. Sup.: Maximiliano Romero, Fashion Design Bachelor of Science, Politecnico di Milano., 2014
 - 15) **Atlas: floating device for rehabilitation of upper limbs.**, Author: Andrea Villa, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
 - 16) **Argo: ergometer for Snoezelen therapy**, Author: Eugenia Sanna, Supervisor: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2014
 - 17) **Cityclette: Training apparatus for interactive elderly**, Author: Maicol Zoia, Supervisor: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2013
 - 18) **Sifra wheelchair: Sea without barriers.**, Author: Giovanni Toscani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2013
 - 19) **Pills dispenser machine for aging people with memory loss diseases**, Author: Patxi Arin Reiriz, Supervisor: Igone Velez, Ass. Sup.: Maximiliano Romero, Ingegneria Industrial Master Science, Università di Zaragoza/ Politecnico di Milano, 2013
 - 20) **3IKE: Bicycle for children with disabilities**, Author: Carlo Standoli, Supervisor: Giuseppe Andreoni, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2012
 - 21) **Sherpa: Shopping cart for large-scale retailers**, Author: Gabriele Torchiani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2011
 - 22) **Par_table: Workstation for users with motor disabilities**, Author: Laura Scapni, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2011
 - 23) **Wheelchair backrest: Rigid stucture with elastic response surface produced in Rapid Manufacturing.**, Author: Daniela Barata, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2011
 - 24) **Headset for Brain Computer Interface**, Author: Giuseppe Carosella, Supervisor: Giuseppe Andreoni, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2010
 - 25) **Sensorized T-shirt for soccer players**, Author: Alex Sartori, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2010
 - 26) **Control device for nutritional disorders**, Author: Azzurra Tomioli, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2010
 - 27) **Medicine dispenser with reminder for elderly**, Author: Fabio Tironi, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2010
 - 28) **Cell Phone for seniors**, Author: Stefania Ruggiero, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2010
 - 29) **Wearable device for measuring electrocardiogram**, Author: Paola Vercesi, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 30) **Bench for shoulder rehabilitation**, Author: Munir Spotti, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 31) **Headset for Brain Computer Interface**, Author: Alessio Unfer, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 32) **Device for shoulder rehabilitation**, Author: Lorenzo Vitella, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 33) **Sciaspola: sports equipment for snow**, Author: Andrea Sormani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze,

- Politecnico di Milano., 2009
- 34) **Treadmill**, Author: Gabriele Torchiani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 35) **Transportation device for uncooperative patient**, Author: Davide Veronesi, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 36) **Video communication device for elderly**, Author: Maico Zoia, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 37) **RFID personal trainer**, Author: Daniele Zugliani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 38) **Home automation interface for blind people**, Author: Simona Benditti, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 39) **Helmet with integrated lighting for caving**, Author: Elena Seregni, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 40) **Meter prothrombin (clotting time of blood)**, Author: Marco Tonet, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 41) **Strimmer: Hearing aid**, Author: Giulia Settecasì, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 42) **Tricky: tilting vehicle for disable people.**, Author: Roberto Brenno, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2009
 - 43) **Nexo: Personal Robot**, Author: Manuel Mister, Supervisor: Prof. Arturo dell'Acqua Bellavitis, Ass. Sup.: Maximiliano Romero, Fashion Design Master of Science, Politecnico di Milano., 2009
 - 44) **Climbimb: System climbing for children**, Author: Giovani Toscani, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 45) **Andromeda: horizontal cyclette**, Author: Giacomo Sangiorgi, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 46) **Flex: lower limb rehabilitation device**, Author: Carlo Standoli, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2009
 - 47) **Traveller: backpacking tent**, Author: Eleonora Simonotti, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2008
 - 48) **Air Pack: equipment for outdoor sports**, Author: Virginia Tardella, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2008
 - 49) **Otcho: Bouldering safety mattress**, Author: Nicolas Sidoli, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2008
 - 50) **Slim: Home fitness bench**, Author: Jessica Trivellini, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2008
 - 51) **Environment 01: Variable volume trekking backpack**, Author: Michele Zangrandi, Supervisor: Fiammetta Costa, Ass. Sup.: Maximiliano Romero, Product Design Bachelor of Scienze, Politecnico di Milano., 2008
 - 52) **Symposium: Consumer RfID tag reader for wine bottles**, Author: Giuseppe Russo, Supervisor: Francesco Trabucco, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2007
 - 53) **DIGIHOME: Digital entertainment integrated system**, Author: Milena Moncalvo, Supervisor: Francesco Trabucco, Ass. Sup.: Maximiliano Romero, Design & Engineering Master of Science, Politecnico di Milano., 2006
 - 54) **Table: Kit for catering in aircraft**, Author: Pierpaolo Capestrani, Supervisor: Francesco Trabucco, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2006
 - 55) **Hyper Check: wearable system for monitoring and treatment of high blood pressure**, Author: Livia Boroli, Supervisor: Francesco Trabucco, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2006

- 56) **My lunch: Product for transport, heating and cooling of the meals at the workplace.**, Author: Federica Bosisio, Supervisor: Francesco Trabucco, Ass. Sup.: Maximiliano Romero, Product Design for Innovation Master of Science, Politecnico di Milano., 2005

ANNEX C

 Product and Interaction Design
(older project list)

- 1) from 2014, September, to 2014, October, **RoBox, Cardboard robot kit for didactics with children**. AirLab, Artificial Intelligence and robotic laboratory, **Product/ Interaction Designer**
- 2) from 2013, February, to 2013, March, **Pick, Interactive system based on smartphones**, Comune di Reggio Emilia, Public administration, Regio Emilia (RE), Italy, **Interaction Designer /project manager**,
- 3) from 2013, March, to 2013, April, **Tango Project, Interactive system for video management**. LENS European Project, Research and development, **Interaction Designer**
- 4) from 2010, April, to 2010, December, Remy, Fumagalli Srl., Producer of disability aids and rehabilitation equipment, Piazza Puecher, 2 - 22037 Ponte Lambro (Co), Italy. www.fumagalli.org, **Product Designer**,
- 5) from 2010, July, to 2012, July, DeskPlas, INAIL, Research and development, **Product design / Project Management**,
- 6) from 2009, February, to 2010, February, Children seat, Fumagalli Srl., Producer of disability aids and rehabilitation equipment, Piazza Puecher, 2 - 22037 Ponte Lambro (Co), Italy. www.fumagalli.org, **Product designer**,
- 7) from 2009, March, to 2009, June, Hospital Furniture, Missaglia Spa., Producer of furniture and equipment for hospitals, Via Matteotti, 69, 20035 Lissone (MB), Italy, www.missaglia.com, **Product designer**,
- 8) from 2008, January, to 2009, January, Turner, Lamm Srl., Furniture for community, Via Verdi, 19/21, 43017 San Secondo Parmense (PR), Italy, www.lamm.it, **Product designer**
- 9) from 2008, March, to 2008, April, Over Bank exhibition, Credito Valtellinese Spa., Banking, **Product designer**,
- 10) from 2007, to 2011, Identity coordination, Fumagalli Srl., Producer of disability aids and rehabilitation equipment, Piazza Puecher, 2 - 22037 Ponte Lambro (Co), Italy. www.fumagalli.org, **Product designer**,
- 11) from 2007, July, to 2008, July, EasyRider, Atala Spa., Bikes Manufacturing, Monza (MB), Italy, **Project Management**,
- 12) from 2006, to 2010, Robin, Fumagalli Srl., Producer of disability aids and rehabilitation equipment, Piazza Puecher, 2 - 22037 Ponte Lambro (Co), Italy. www.fumagalli.org, **Product designer**,
- 13) from 2005, January, to 2006, January, Freehand, Premax, Sisors producers consortium, Via Giabbio, 23834 Premana (LC), Italy, www.premax.it, **Product designer**,
- 14) from 2005, to 2009, Shifu, Fumagalli Srl., Producer of disability aids and rehabilitation equipment, Piazza Puecher, 2 - 22037 Ponte Lambro (Co), Italy. www.fumagalli.org, **Product designer**,
- 15) from 2003, June, to 2009, January, Web Site, Consuline, Lighting Design Studio, Via Valvassori Peroni 47/a, Milano, Italy. www.consuline.com, **Web Designer**,
- 16) from 2002, June, to 2002, November, Children's Clothes, Benetton Group Spa., Clothes manufacturing., Villa Minelli, Ponzano Veneto (TV), Italy, **Stylist Jr.**,
- 17) from 2002, November, to 2003, May, Products and exhibition, Studio Branco RLT srl., Design studio, **Designer**,
- 18) from 2001, August, to 2002, May, Web Site, United Web, Benetton Group Spa., Fashion e-commerce., Villa Minelli, Ponzano Veneto (TV), Italy, **Visual Merchandiser, WebDesign**,
- 19) from 2001, March, to 2001, May, Web Site, CiErg. Center of Ergonomics research, Politecnico di Milano, Research and development, Via Durando 38/A, 20158, Milano (MI), Italy, **Graphic/Web Designer**,