

PATRIZIA MARTI – CV

Contacts:

patrizia.marti@unisi.it

CURRENT POSITIONS

- Associate Professor at the Department of Social, Political and Cognitive Science, University of Siena.
- Director and Rector's delegate and Director of Santa Chiara Fab Lab – University of Siena (<http://www.scfablab.unisi.it>), laboratory of digital fabrication.

SHORT BIOGRAPHICAL NOTES

Patrizia Marti is Associate Professor at the Department of Social, Political and Cognitive Science, University of Siena where she teaches Human-Computer Interaction, Experience Design, and Design Thinking.

From 2013 until 2019 she was appointed part time Full Professor at the Department of Industrial Design, Eindhoven University of Technology (art. 6, paragraph 11, Law n. 240 30-12-2010, Ministerial Decree MIUR n. 167, 26-04-2011, published on Gazzetta Ufficiale on 26-09-2011). From 2019 until 2021 she was Visiting Professor at the same university.

In August 2013, she received an honorary professorship at the Seogang College University, Seoul, Korea.

She has an interdisciplinary background in philosophy, design and computing and a Ph.D. in Aesthetics of Interaction.

In 2014 and 2015, she was Visiting Professor at the Advanced PhD “The Center for Advanced Studies - the development of interdisciplinary doctoral studies” at the Gdansk University of Technology (Poland) in the key areas of the Europe 2020 Strategy.

Her research interests range over a broad range of topics including tangible and embodied interaction, experience design and societal impacts of new technologies. She is cited across these fields.

She has been a Principal Investigator on numerous EU funded projects. She has been expert advisor to many EU and international bodies, including EU Commission, EU Future & Emerging Technologies Programme, EU Intelligent Information Interfaces, Eurocontrol, EU Disappearing Computer, UX group at University of Warsaw (Poland), Swedish Agency for Innovation Systems, Swiss National Science Foundation (SNSF). She is a Member of the Italian SigCHI chapter and ACM. She has served Scientific and Organizing Committees in various areas of HCI, ID and Information Systems, including ACM CHI, ACM DIS, ACM IDC, ACM DIS, IEEE ICRA, IEEE IROS, IEEE ICORR, ECCE, EACE, SLERD.

SELECTED HIGHLIGHTS

EDUCATION

Laurea in Philosophy, University of Roma “La Sapienza”, 1987.

PhD Aesthetics of Interaction Design, Dpt of Industrial Design, Eindhoven University of Technology, 2012.

AWARDS AND HONOURS

- Diversity and Inclusion Award - ACM Creativity and Cognition (C&C) and Designing Interactive Systems (DIS) Conferences 2019, San Diego, CA, USA. <https://medium.com/@fhamidi/the-diversity-and-inclusion-lunch-at-the-2019-acm-c-c-dis-conferences-318f0ccc9f37>
- Visiting Professor at the Department of Industrial Design, Eindhoven University of Technology, NL, May 2017 - present.
- Visiting professor, Gdansk University of Technology (Poland), June 2014 and November 2015.
- Honorary professorship, Seogang University College, Seoul, Korea, 2013.
- Visiting Fellow, University of Limerick, Ireland (2001).

FUNDED PROJECTS

Project coordinator of the following National/European research projects (competitive calls)

ALCOL EYE : Presidenza del Consiglio dei Ministri, Dipartimento per le Politiche Antidroga: progettazione di un sistema basato su intelligenza artificiale e machine learning per la prevenzione dell'incidentalità stradale per uso di alcol/droghe.

AMA – (Additive Manufacturing for Advanced customized medical devices): PNRR – Spoke 3 THE (Tuscany Health Ecosystem – subproject 15): sviluppo di dispositivi indossabili per la correzione delle malocclusioni nei bambini e progetto della terapia ludica.

ECHO (Accessible CHatbot): Regione Toscana: Sviluppo di un avatar umanoide per comprendere e produrre la lingua dei segni italiana in tempo reale tramite intelligenza artificiale.

Ministero dello Sviluppo Economico: Sviluppo di maschere facciali Personalizzate per il trattamento Precoce, Monitoraggio e gamification della terapia ortodontica

FONDAZIONE INTESA SANPAOLO: SuperPowerMe Follow Up: design and development of facemasks for the corrections of Class III malocclusion in children. System design and gamification of therapy
Date: January 2022 – December 2022

Italian Ministry of economic development: Development of personalized facial masks for early treatment, monitoring and gamification of orthodontic therapy in children.
Date: January 2021 – June 2023

FONDAZIONE INTESA SANPAOLO: SuperPowerMe: design and development of facemasks for the corrections of Class III malocclusion in children. System design and gamification of therapy
Date: January 2020 – July 2021

H2020-Wear Sustain-2017 - QUIETUDE: an ecology of jewellery products and accessories that enhance the experience of deaf women in a sound-oriented world.
Date: 1 September 2017 – 28 February 2018.

Principal Investigator of the following European/national projects

AAL - Active Assisted Living EU Programme: Building Active User Experiences to Bring Culture to the People (BeauCoup)
Date: April 2022 – March 2025

TD COST Action TD1309 – LUDI Play for Children with Disabilities
Coordinator: University of Valle d'Aosta (I)
Date: 19/05/2014 - 18/05/2018

FP7-ICT-2011-7 287624: Accompany - Acceptable robotiCs COMPanions for AgeiNg Years
Date: 2011-10-01 - 2014-09-30

FP6-2005-IST-6: Interactive Robotic Social Mediators as Companions
Date: 2006-11-01 - 2009-10-31

FP6-2002-IST-1: Palpable Computing - A new perspective on Ambient Computing
Date: 2004-01-01 - 2007-12-31

PRIN 2004: Nano-Analytical Systems for Chem & bio-sensing - NASCE
Italian Ministry of Education and Research (MIUR)
Date: 30/11/2004 – 30/11/2006

EU Eprit i3 22574: HIPS - Hyper Interaction within Physical Space
Date: 1997-07-22 – 2000

EU ESPRIT I3 29330: POGO - Alive and Learning
Date: 1998-12-07 - 2000

EU FP4 Esprit 24963: MEFISTO - Modelling, Evaluating and Formalising Interactive Systems using Tasks and interaction
Objects
Date: 1999 – 2001

Ph.D. PROMOTER

- First promoter of 10 PhD at University of Firenze, Italy
- Co-promoter of 1 PhD at Maastricht University, The Netherlands.
- Co-promoter of 1 PhD at Eindhoven University of Technology, The Netherlands.

COMMITMENT TO INTERNATIONAL DOCTORAL AND MASTER EDUCATION

- Member of the Doctoral Board, Learning and Innovation in Social and Organisational Work Contexts. University of Siena (2021).
- PhD external examiner, Eindhoven University of Technology, The Netherlands (2021).
- PhD external examiner, Department of Design, Politecnico of Milan (2016).
- PhD external examiner, Information and Communication Department of the University of Applied Sciences of Western Switzerland, Fribourg (2016).
- PhD external examiner, Department of Electrical Engineering. Technical University of Denmark (2016).
- External examiner, MA in Interactive Media Course, University of Limerick, Ireland (2005-2008).
- External examiner, MA in Engineering Educations, University of Southern Denmark, Odense, Denmark (2006-2008).
- Member of the Doctoral Board, Telematics and Information Society, University of Firenze, Italy (2004-present).
- Tutor, Apple Design Project 1997 - Apple Inc. Cupertino USA.
- Tutor, Apple Design Project 1996 - Apple Inc. Cupertino USA.

HELD ACADEMIC TEACHING APPOINTMENTS AT UNIVERSITIES

- University of Siena, Italy (2002-present).
- Eindhoven University of Technology (2013 - 2021).
- Gdansk University of Technology (2014 and 2015).
- University of Sassari, Italy (2006-2008).
- University of Limerick, Ireland (2001).
- Polytechnic of Milan, Italy (1997 to present in different master courses).
- IULM, Libera Università di Lingue e Comunicazione, Milan, Italy (2000).

REVIEWER FOR LEADING INTERNATIONAL JOURNALS

- Frontiers of Interaction
- International Journal of Human-Computer Studies
- Interaction studies
- International Journal of Social Robotics
- International Journal of Design
- Intelligenza Artificiale
- Interaction Design&Architecture
- IEEE Transaction on Robotics
- CSCW Journal
- ACM Transactions on Interactive Intelligent Systems
- Multimedia Tools and Applications

EDITORIAL BOARDS OF NATIONAL AND INTERNATIONAL JOURNALS

- Future Internet, <https://www.mdpi.com/journal/futureinternet>
- ID&A Interaction Design & Architecture(s), <http://life.mifav.uniroma2.it/inevent/events/idea2010/?s=9>
- Experimental results – Subject area Design– Cambridge University Press
<https://www.cambridge.org/core/journals/experimental-results>

RECENT INTERNATIONAL CONFERENCES ORGANISATION

- Publishing Chair: SLERD 2022: 7th conference on Smart Learning Ecosystems and Regional Development — 5-6 July 2022, Bucharest, Romania.
- Co-chair: SLERD 2021: 6th conference on Smart Learning Ecosystems and Regional Development — 24-25 June 2021, virtual.
- Associate Chair: ACM CHI 2021: Conference on Human Factors in Computing Systems, Online Virtual Conference, May 8-13, 2021.

- Associated Chair: ACM DIS 2020: Designing Interactive Systems, Online Virtual conference, July 6-20, 2020.
- General Co- Chair: ETIS 2020: 4th European Tangible Interaction Studio, 16-20 November 2020, Siena, Italy.
- General Co-Chair: 32nd Annual Conference of the European Association of Cognitive Ergonomics (EACE), 26-29 April 2021, Siena, Italy.
- Program Co-Chair: 12th International Conference on the Design of Cooperative Systems, May 23-27 2016, Trento, Italy.
- Program Co-Chair: 9th Conference of the Italian Chapter of ACM SIGCHI (Association for Computer Machinery - Special Interest Group on Computer-Human Interaction), September 13-16, 2011, Alghero, Italy.

RECENT INTERNATIONAL WORKSHOPS AND TUTORIALS ORGANISATION

The Future of Computing & Food

ACM-AVI 2018, Castiglione della Pescaia, Grosseto (Italy), 29 May - 1 June 2018

Soma-based Design Theory

ACM-CHI 2017, Denver, CO, USA May 6-11, 2017

Move to be Moved

ACM-CHI 2016, San Jose, California

Robots for children with special needs: technology and design challenges for an effective integration in therapeutic and educational environments

2010 IEEE International Conference on Robotics and Automation, Anchorage, Alaska, May 3-8, 2010

Developing assistive technologies for children and adults with special needs: a user-centered approach

IEEE RO-MAN 2009, 18th IEEE International Symposium on Robot and Human Interactive Communication Sep. 27 - Oct. 2, 2009, Toyama International Conference Center, Japan.

Creative Interactive Play for Disabled Children

ACM IDC 2009 The 8th International Conference on Interaction Design and Children, 2009 June 3 – 5, Como, Italy.

Designing Interaction for Next Generation Personal Computing

ACM SIG INTERACT 2009 12th IFIP TC13 Conference on Human-Computer Interaction, August 24 – 28, 2009 Uppsala, Sweden.

IMPACT ON FIELD

Patrizia has significantly contributed to the development of the Italian chapter of ACM SIGCHI which organises a biannual conference in Italy. As Program Chair of CHIItaly 2011, she contributed to promote the international visibility of the conference. For the first time the conference proceedings will be published in the ACM Digital Library. Furthermore her research activity has had issues of significant industrial relevance.

Italian Patent 10201800002713: “Stampa 3D di maschere facciali individualizzate per la protrazione mascellare”, obtained on 26.03.2020, expiry on: 15.02.2038

Europe and US patent n.PCT/EP2019/053632: submitted on 14.02.2019

PUBLICATIONS

The full list of publications is available at: <https://www.researchgate.net/profile/Patrizia-Marti/research>