



Matteo Orsini

Product Designer & Researcher

📍 Born in Rome, Italy, in 1998.

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in <https://www.linkedin.com/in/matteo-orsini-productdesign/>

ABOUT ME

I am a product designer specializing in user-product interaction. I handle various aspects of product research and development, from needs analysis to the creation of working prototypes. I thrive in collaborative, multidisciplinary teams, transforming indications from diverse experts into tangible product features.

PROFESSIONAL EXPERIENCE

2022 - May 2026 • Industrial PhD in Medical Device R&D

Sapienza Università di Roma, Technical University of Delft

My NextGenEU-funded Industrial PhD thesis proposes a **novel method** for conducting **usability** assessments in the R&D of **Smart Home-Use Medical Devices**.

I conducted part of my research (six months) at **Delft University of Technology** in the **Netherlands**.

2022 - 2025 • Physical & Digital Medical Devices R&D

Sensor Medica s.r.l.

I designed physical and digital medical devices adopting a **human-centered approach and realizing prototypes**, to ensure they met usability and technical requirements to be market-competitive.

2022 - May 2026 • Teaching Assistant

Sapienza Università di Roma

I taught **User Research** and **Product Design** at the **Master's level** as a teaching assistant for three semesters, in the course "Advanced Design Studio". It required students to develop **pharmaceutical packaging** solutions to address specific needs they identified through user and market research.

2022 - 2023 • Product Representation Instructor

CEFI - European Institute of Informatics

I have taught **product design and representation** to adult professionals, through the software McNeel Rhinoceros (3D) and Autodesk AutoCAD (2D).

EDUCATION

2022 - May 2026 • Industrial PhD in Medical Device R&D

Sapienza Università di Roma, TUDelft

2020 - 2022 • Master of Science (CdLM) in Product & Service Design

Sapienza Università di Roma

110 cum Laude + Right of Publication

2017 - 2020 • Bachelor (CdL) in Industrial Design

Sapienza Università di Roma

110 / 110

CORE SKILLS

Physical Product **Design & Prototyping**;
User Research (Human Factors & Ergonomics),
Events and **Workshops** Organization,
Usability (ISO 9241-11:2018),
Brand Visual Identity.

SOFT SKILLS

Systemic thinking,
Empathy,
Empowerment,

Teamwork,
Team coordination,
Active listening.

LANGUAGES

English: Advanced (IELTS 7.5 = C1),

Italian: Mother tongue.



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VOLUNTEERING ROLES

- 2023 • **Co-Organizer, Vice-president, Treasurer**
2025 *TEDxSapienzaU*

I coordinated the **100 volunteers** and conducted **strategic management** to achieve the goal of organizing official, meaningful **TEDx events**.

- 2022 • **Head of Design & Board Member**
2023 *TEDxSapienzaU*

I **coordinated the Design Team** (15 members) in managing the various **touchpoints** of the project.

- 2026 • **Maker, Prosthesis R&D**
current *E-Nable Italia*

I contribute to the prototyping of prosthesis projects and to the R&D of novel **hand prosthetic** solutions.

SOFTWARE

Rhinoceros 3D

Slicers (BambuLab, Cura)

Twinmotion

AutoCAD 2D

Adobe Suite (Ai, Ps, Id)

Affinity

Excel/Spreadsheet

Zotero

ACHIEVEMENTS

- 2022 • **Honorable Mention**
Cumulus Green 2022

- 2026 • **Emerging Scholar Award**
Common Ground Research Network

PUBLICATIONS

Journal Papers

Di Lucchio, L., Dominguez Molina, M., Ivkov, T., & Orsini, M. (2025). **Packaging for the Medical Sector: A Systemic Design Perspective**. *Proyecta56, an Industrial Design Journal*, 5(1), 78–90.

Di Nocera, F., Tempestini, G., & Orsini, M. (2023). **Usable Security: A Systematic Literature Review**. *Information*, 14(12), 641.

Conference Papers

MONTERREY, MEXICO: Orsini, M., & Di Lucchio, L. (2024). **Hospitals or Homes: Where will we be cured in the future? Design Challenges and Visions in the rapidly evolving Home Care Sector**. *Conference Proceedings Series*. 2024., 13, 1643–1657.

NANTES, FRANCE: Orsini, M. (2025). **A Technology-Based Taxonomy for Smart Home-Use Medical Devices**. *Conference Proceedings Series*. Nantes. 2025.

Patent

Orsini, M., Paoletti, A., Chatzigiannakis, I., & Malakuczi, V. (2022). **Wearable System for Visual and Audible Signaling of Changes in the Direction of Travel of Small Vehicles**. (Patent N° 202021000001991).