

● **WORK EXPERIENCE**

---

01/03/2021 – CURRENT – Montecassiano, Italy

**PROJECT MANAGER** - Strumedical s.r.l.

---

Febr. 2022 – CURRENT – Macerata, Italy

**LECTURE POSITION: DIGITAL HUMANITIES Mod. A e Mod. B-** Letters and History, Università di Macerata

---

Sept. 2020 – Mar. 2022 – Macerata, Italy

**LECTURE POSITION: INFORMATICA-** Communication Sciences, Università di Macerata

---

09/08/2016 – CURRENT – Urbisaglia, Italy

**PROJECT MANAGER** - Mo.Te. s.r.l.

---

01/09/2020 – CURRENT

**PROJECT MANAGER** - DIAMED project

---

01/10/2017 – CURRENT

**PROJECT MANAGER** - Intelligent Oncology Telecare (IOT) project

---

01/03/2020 – 28/02/2021 – Ancona, Italy

**POSTDOC RESEARCHER** - Department of Information Engineering - Università Politecnica delle Marche

---

01/07/2015 – 28/02/2020 – Montecassiano, Italy

**BIOMEDICAL ENGINEER** - Strumedical s.r.l.

---

01/04/2012 – 31/10/2012 – Montecosaro, Italy

**BIOMEDICAL ENGINEER** - A.C.O.M. Advanced Center Oncology

---

## ● EDUCATION AND TRAINING

---

01/11/2015 – 14/03/2019 – Ancona, Italy

**PH.D IN INFORMATION ENGINEERING WITH THE ADDITIONAL LABEL OF DOCTOR**

**EUROPAEUS** - Department of Information Engineering, Università Politecnica delle Marche, via  
Brecce Bianche 60121 Ancona (Italy)

EQF level 8

---

Sweden for five months - 2018

**PH.D. INTERSHIP** -Biomedical Department of Lund, University of Lund.

---

Feb. - 2015

**PASSED THE GOVERNMENT EXAM AND LICENSED AS A PROFESSION ENGINEER**

---

08/03/2012 – 22/10/2014 – Ancona, Italy

**M.SC. ELECTRONIC ENGINEERING - BIOMEDICAL CURRICULUM** - Università Politecnica  
Delle Marche

EQF level 7

---

Belgium for six months

**ERASMUS EXCHANGE PERIOD FOR MASTER THESIS - BEAMS** - Bio, Electro And Mechanical  
Systems, Université Libre de Bruxelles, Ecole polytechnique de Bruxelles-

---

03/11/2008 – 25/02/2012 – Ancona, Italy

**B.SC. BIOMEDICAL ENGINEERING** - Università Politecnica Delle Marche

EQF level 6

---

## ● MASTER-THESIS SUPERVISION

---

**Advisor of Bachelor Thesis in Communication Sciences, University of Macerata**

---

1.Angelica Petrolini, "L'arte e la cultura incontrano il digitale un'opportunità accelerata dal lockdown" **Advisor,2020**

2.Paolo Marti, "Intelligenza artificiale per la gestione dei rifiuti", **Advisor,2021**

3. Guido Parasecoli, "Digitalizzazione delle imprese: opportunità, strategie e strumenti" **Co-Advisor,2022**

**Co-Advisor of Master Thesis in Computer Engineering, University of Camerino**

---

1.Mattia Contigiani, "Machine Learning nella diagnosi della disfunzione endoteliale"

## ● HONOURS AND AWARDS

---

**2015. Winner of ECAPITAL competition that funds innovative ventures.**

---

**2018. Best student paper: Machine learning-based approaches to analyse and  
improve the diagnosis of endothelial dysfunction**

2018 14th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications (MESA)

---

## ● PUBLICATIONS

---

- Calamanti, C., Cenci, A., Bernardini, M., Frontoni, E., & Zingaretti, P. (2017, August). A Clinical Decision Support System for Chronic Venous Insufficiency. In *ASME 2017 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference* (pp. V009T07A004-V009T07A004). American Society of Mechanical Engineers.
- Calamanti, C., Paolanti, M., Romeo, L., Bernardini, M., & Frontoni, E. (2018, July). Machine learning-based approaches to analyse and improve the diagnosis of endothelial dysfunction. In *2018 14th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications (MESA)* (pp. 1-6). IEEE. "Best Student Paper Award"
- Calamanti, C., Moccia, S., Migliorelli, L., Paolanti, M., & Frontoni, E. (2019). Learning-Based Screening of Endothelial Dysfunction From Photoplethysmographic Signals. *Electronics*, 8(3), 271.

## ● DRIVING LICENCE

---

Driving Licence: B

## ● TRATTAMENTO DEI DATI PERSONALI

---

### Trattamento dei dati personali

---

*"In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document."*

**31-12-2022**