

## Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Enrico Gianluca Caiani**

### Work experience

From December 2014 **Associate Professor**

Politecnico di Milano, Department of Electronics, Information and Biomedical Engineering  
[www.polimi.it](http://www.polimi.it)

January 2005 – November 2014

**Assistant Professor with tenure track (Researcher)**

Politecnico di Milano, Department of Electronics, Information and Biomedical Engineering

May 2003 – October 2003

**Visiting Research Associate**

The University of Chicago, Noninvasive Cardiac Imaging Laboratories, Chicago (IL), USA

April 2000 – November 2000

**Visiting Research Associate**

The University of Chicago, Noninvasive Cardiac Imaging Laboratories, Chicago (IL), USA

March 2000 – January 2005

**Research Assistant (post-doc Fellow)**

Politecnico di Milano, Department of Biomedical Engineering

### Education and Training

Nov 1996 – Feb 2000

PhD in in Biomedical Engineering, Politecnico di Milano

Nov 1988 – Feb 1996

Laurea (5-y) in Electronic Engineering (specialization in Biomedical Engineering)

### Certifications

Since March 2014, in possession of the Italian National Certification for **Full Professorship** (ASN2012)

### Track record

Researcher unique identifier(s):

SCOPUS Author ID: 7003714105 , ORCID ID: 0000-0002-1770-6486

**135 Papers in peer reviewed journals, 7 Book Chapters, 164 conference proceedings, 180 conference abstracts.**

**H index 33 (Scopus); Citations >10000 (Scopus)**

**53 Invited Lectures, 4 Keynote speaker, 20 Invited Chairman**

### Personal skills and competences

Other language(s)

Self-assessment

*European level (\*)*

**Language**

Other language(s)

Self-assessment

*European level (\*)*

**Language**

		Understanding		Speaking		Writing	
		Listening	Reading	Spoken interaction	Spoken production		

  

		Understanding		Speaking		Writing	
		Listening	Reading	Spoken interaction	Spoken production		

(\*) [Common European Framework of Reference for Languages](#)

<b>Awards</b>	<ol style="list-style-type: none"> <li>1. 2000 Young Investigators Award 2000, Politecnico di Milano</li> <li>2. 2001 Paolo Durst Award for the best PhD Thesis in Biomedical Engineering, GNB, Italy;</li> <li>3. 2002 Rosanna Degani Young Investigator Award, Computers in Cardiology;</li> <li>4. 2007 Arthur E. Weyman Young Investigator's Finalist Award, American Society of Echocardiography</li> <li>5. 2008 Bronze medal, Novespace</li> <li>6. 2016 Best poster in m-Health Technology and Applications, European Society of Cardiology (ESC)</li> <li>7. 2017 Moderated Poster Award in Big Data, ESC</li> <li>8. 2019 Winner Bando Leonardo da Vinci, Action 1, MIUR-CRUI</li> <li>9. 2020 Clinical Needs Translational Award, ESC-Computing in Cardiology</li> <li>10. 2021 eHealth4all, Finalist award 4th edition 2019-21.</li> </ol>
<b>Personal Honors</b>	<ol style="list-style-type: none"> <li>A) <b>International Faculty affiliate</b> to the University of Illinois in Chicago, Department of Bioengineering (since 2016)</li> <li>B) <b>Fellow</b>, European Society of Cardiology – ESC (since 2020)</li> <li>C) <b>National Expert</b>, Thematic Table on Integrated Physiology, Italian Space Agency (2020-2022)</li> </ol>
<b>Editorial activity and Commission of Trust</b>	<p><b>1. Editorial Activity</b></p> <ul style="list-style-type: none"> <li>- <b>Editorial Board member</b> of “<i>European Heart Journal-Cardiovascular Imaging</i>” (since 2014)</li> <li>- <b>Editorial Board member</b> of “<i>Sensors</i>” (since 2018)</li> <li>- <b>Editorial Board member</b> of “<i>Journal of Clinical Medicine - Cardiology</i>” (2018-2020)</li> <li>- <b>Editorial Board member and Consulting Editor</b> of <i>European Heart Journal Digital Health</i> (since 2020)</li> <li>- <b>Editorial Board member</b> of “<i>Journal of Clinical Medicine – Clinical Engineering</i>” (since 2021)</li> <li>- <b>Associate Editor</b> – Section eCardiology/Digital Health of “<i>Europace</i>” (since 2023)</li> </ul> <p><b>Special Issue Editor</b>, <i>Sensors, Sensing Technologies for Diagnosis, Therapy and Rehabilitation</i> 2020  <b>Topic Editor</b>, <i>Frontiers in Cardiovascular Medicine</i>, “<i>Digital solutions in Cardiology</i>” 2021  <b>Topical Collection Editor</b>, <i>Sensors, Sensing Technologies for Diagnosis, Therapy and Rehabilitation</i>, 2022</p> <p><b>2. Commission of Trust</b></p> <ol style="list-style-type: none"> <li>a) <b>Jury Committee member</b> of the Prix Galien Italia 2021 and 2022 –award category “Medicine and Digital Therapy”</li> <li>b) <b>Grant Reviewer</b> for European Commission (call IST FP6), Italian Ministry of Research (PRIN 2008, PRIN 2012, FIRB 2013, SIR 2014), Portuguese Foundation for Science and Technology (Health Sciences area, 2009-12), Cyprus Research Promotion Foundation (2010 and 2012), The Research Foundation – Flanders (FWO) (2013), Provincia Autonoma di Bolzano, Italy (2015-2022), Provincia Autonoma di Trento, Italy (2017, 2019, 2021), Centre national de la recherche scientifique (CNRS) - France (2017, 2019), University of Mons - Belgium (2022)</li> <li>c) <b>Reviewer for peer reviewed scientific journals</b>: IEEE Transactions on Biomedical Engineering, Sensors, Computer Methods and Programs in Biomedicine, Journal of Medical Internet Research, European Heart Journal – Digital Health, Medical Engineering &amp; Physics, Acta astronautica, International Journal of Environmental Research and Public Health, EP Europace, Journal of Applied Physiology, Plos One, European Heart Journal – Cardiovascular Imaging, Frontiers in Cardiovascular Medicine</li> </ol>

**d) Advisory boards**

2019-2021: member Think Tank Morevalue4impact, Novartis  
2020- today: member Advisory Board on Digital Health, Medtronic (USA)

**e) Roles in Scientific Societies and in European Commission groups**

2020-2021: core-member, ESC Digital Committee  
2018-2020: **Vice-chair, ESC Digital Committee**  
2018-today: member of the **ESC Regulatory Affairs Committee on Medical Devices**, representing ESC in the **EU MDCG-New Technologies group**.  
2016-2018: Board member, Computing in Cardiology Inc.  
2016-18: **Chair of the Working Group of e-Cardiology**, European Society of Cardiology (ESC)  
2016-today: member of the **ESC Advocacy Group**, and representing ESC in the **EU e-Health stakeholders group, DG-CONNECT**

**International Collaborations**

- o Prof. P. Dendale, University of Hasselt (BE)
- o Prof. P. van de Born, ULB (BE)
- o Prof. RM Lang, University of Chicago (USA)
- o Prof. P. Laguna, Universidad de Zaragoza (ES)
- o Prof. Lisette van Gemert-Pijnen, University of Twente (NL)
- o Prof. A. Fraser, University of Glasgow (UK)
- o Proff. T. Royston and A. Leow, University of Illinois in Chicago (USA)
- o Prof. T. Melvin, Trinity College Dublin (IE)
- o Prof. J. Tank, German Aerospace Center, Institute of Aerospace Medicine, Koln (DE)

**Industrial collaborations:** Medtronic (USA), Novartis (IT), Philips (NL and IT), STMicroelectronics (IT), Luxottica (IT), LifeCharger (IT), Enel X (IT), Softcare Studios (IT)

**International Faculty Roles**

- 2019: 2 months as **Visiting Academic** at University of Illinois at Chicago (UIC)
- 2005-2012: 16 months as **Visiting Researcher** at University of Chicago

**PhD board roles**

2012-17: Member of the PhD Board, PhD Degree Program in Bioengineering, School of Doctoral Program, Politecnico di Milano  
2018-today: **Member of the PhD Board**, PhD Degree Program in Data Analytics and Decision Sciences, School of Doctoral Program, Politecnico di Milano  
2022 - today: **Member of the PhD board** – National PhD Degree Program in Sustainable Development and Climate change (IUSS Pavia)

18/11/2023

*"According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV*