Prof. Enrico G CAIANI, Italy

Enrico G. Caiani (MS in Electronic Eng. 1996, PhD in Biomedical Eng. 2000) is Associate professor at the Electronics, Information and Bioengineering Dpt., Politecnico di Milano, Italy since 2014. He is author of 7 book chapters, >150 papers (H-index=37, total citations>12000) and >150 conference proceeding papers. Since 2022, he is officially affiliated with IRCCS Istituto Auxologico Italiano, Ospedale San Luca, with whom he collaborates in the context of several projects.

Since 2020 he is Fellow of the European Society of Cardiology (ESC), where he served as Chair of the e-Cardiology Working Group (16-18) and is now serving as advisor of the Regulatory Affairs Committee on Medical Devices, and as ESC representative in the EU eHealth Stakeholders Group and in the EU Medical Device Coordination Group-New technologies.

In Oct 2020 he was nominated by the Italian Space Agency (ASI) as National Expert in the Thematic Table on Integrated Physiology, and since 2024 he is member of the European Space Agency Expert Group on Head Down Bed Rest. In May 2023, he has been nominated as expert in the Technical Scientific Committee serving the Italian Inter-Parlamentary Group on "Digital Health and Digital Therapies".

Since 2019, he is member of the Board of the PhD in Data Analytics and Decision Science at Politecnico di Milano, and actually he is acting as advisor of 7 PhD students. Also, he is the responsible of the D-Hygea Lab @ Politecnico (Digital solutions for prevention) - https://d-hygealab.deib.polimi.it/

His main research interests include digital health solutions in the field of cardiology, health geomatics, cardiac signal and image processing, space physiology, and regulatory science.