

## Personal Information



Arianna Cocchiglia

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At the intersection of AI and innovation, I turn advanced technologies into tangible solutions. I'm driven by curiosity, committed to continuous growth, and inspired by the transformative power of artificial intelligence across industries.

### Professional Experience

#### Co-founder & CIO

mAlbe s.r.l. Roma, Italy

February 2024 - actual

mAlbe is an innovative biotechnology start-up, on a mission to transform healthcare by harnessing cutting-edge machine learning, physics-based generative AI, and synthetic biology. The goal is to research, develop, and produce state-of-the-art anti-infective medicinal products that pave the way for a safer, healthier world.

#### Connectathon Manager

IHE Catalyst AISBL Brussels, Belgium

December 2023 - June 2024

IHE Connectathon is an international event that has been taking place for more than 20 years in Europe and in North America. It is a five-day 'Connectivity Marathon' to offer a unique opportunity to test interoperability using real world clinical scenarios. The main goals are improving the conformance of your products to IHE Profiles and ensure your products continue to meet the expanding base of IHE Profiles, solving real-world interoperability problems.

IHE Catalyst is a non-profit organisation set to accelerate deployment and adoption of IHE to deliver interoperability quality in Health.

#### Director Big Data and New Technology Lab, Public Sector and Healthcare Division

Engineering Spa Roma, Italy

January 2021 - December 2022

Responsibility in innovation projects from design to delivery.

Enabling areas: Big Data and AI, New Technology, Cloud Strategy in Public Sector

#### Innovation and Partnership Director Healthcare Division

Engineering Spa Roma, Italy

November 2019 - December 2020

Development of innovation projects in healthcare.

With my team, we have developed "DE4Bios" a data-driven and cloud-native bio-surveillance system for COVID-19 for Veneto Region and Lombardia Region link:

- <https://www.eng.it/en/case-studies/de4bios-il-potere-dei-dati-contro-il-covid-19>

- <https://www.eng.it/whats-on/newsroom/?tipologia=rassegna&area=&from=06/06/1980&to=07/12/2021&areaC=&fromC=&toC=&areaR=&fromR=06/06/1980&toR=07/12/2021&pageR=58&pageC=11&page=59>

#### R&D Manager \_ Health IT Research, Innovation and Data Science Area

Consortium Arsenà.IT, Veneto's Research Centre for eHealth Innovation Treviso, Italy

March 2017 - October 2019

Director of Health IT Research, Innovation and Data Science Area. This area was composed of 3 operational units:

- Research for innovation & Advanced Health IT models
- Unit, - Advanced Data Analytics and Data Science Unit - Economics Health IT Unit.

In detail, the activities under my responsibility were:

- fundraising
- management of research projects developed at regional, national and European level and piloting solutions on the territory
- modeling of the Health IT innovation process
- precision medicine projects
- integrated healthcare
- big data infrastructure management
- advance data analytics
- creation of tools for secondary data use in healthcare
- collaborations with universities and the creation of a research laboratory
- application of machine learning and artificial intelligence in eHealth projects, -design and prototyping of mobile solutions for digital health services

### Project Manager

Consortium Arsenàl.IT, Veneto's Research Centre for eHealth Innovation  
Treviso, Italy

March 2009 - February 2017

- Project Coordinator in the regional Healthcare Information Exchange (FSer) project (2015-2016)
- Testing&Tools Manager(2012-2014), in this 2 years I created a new business area "Healthcare Standardization and Testing Area" with 3 principal goals: (1) draft the technical specifics for the healthcare software involved in the regional HIE, (2) creation of a test platform to certificate the correct implementation of the technical specifications in the hospital applications and in the MMG, PLS and pharmacy software, (3) technical support for understanding and using interoperability standards.
- -Project Manager project DOGE (2009 -2012) - DOGE is a Veneto Region project for the creation of a network of services for sharing clinical data for primary care professionals. -Project reference and regional coordinator for European project ANTILOPE (2012-2014)
- Project Engineer in HEALTH OPTIMUM (Health OPTIMization throUgh teleMedicine) European project for the implementation and development of telemedicine services for neurosurgical teleconsultation, tele-laboratory and neurological teleconsultation for managing patients hit by ischemic stroke and patients following oral anticoagulant therapy.

## Education

### Second Level Degree in Bioengineering

University of Padova, Department of Information Engineering Padova  
October2006 - March2009

### First Level Degree in Biomedical Engineering

University of Padova, Department of Information Engineering Padova  
October2003 – September2006

### High school diploma

High school "Ippolito Nievo" Padova  
September1998 - July2003

## COLLABORATIONS

### 2017 - 2019 and from 2022 Member of the Technical Scientific Committee of CORIS

CORIS is the regional consortium for the scientific research in Veneto Region. The Technical Scientific Committee has scientific-cultural purposes and it promote clinical research at regional level. Main activities: evaluation of research projects and identification of the strategic areas for research.

### 2017 - 2018 Member of the Scientific Committee of the Veneto Region

Definition of the criteria to carry out the reconciliation of drug therapy in the territory.

### 2015-2018 Professor of "Digital Health" course of Master in Health Economics and Management

University CaFoscari Venezia

## PUBLICATIONS

Cross-Border Interoperability for Travelling Patients: A Proposal for Italian and American Patients \_ European Journal of ePractice \_ sept. 2013

IHE Cross-Enterprise Document Workflow (XDW) [http://www.ihe.net/Technical\\_Framework/upload/IHE\\_ITI\\_Suppl\\_XDW\\_Rev2-1\\_TI\\_2011-10-03.pdf](http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_XDW_Rev2-1_TI_2011-10-03.pdf)

Cross-Enterprise Screening Mammography Workflow Definition [http://www.ihe.net/Technical\\_Framework/upload/IHE\\_RAD\\_White-Paper\\_XSM-WD\\_Rev1-0\\_2012-12-17.pdf](http://www.ihe.net/Technical_Framework/upload/IHE_RAD_White-Paper_XSM-WD_Rev1-0_2012-12-17.pdf)

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Padova, May 2025

