



## Curriculum Vitae

### Informazioni personali/

#### Personal Information

Nome e Cognome / Name and Surname **Annalisa Barla**

Genere / Gender Femmina

### Esperienze professionali/

#### Work Experiences

01/03/2017 -Università di Genova

Associate Professor in Computer Science The main focus of my research activity is to study and devise how to apply machine learning to real-world data, making sure to design stable, reproducible and interpretable applications with an impact in real-life scenarios. To this aim, we design and use machine learning methods that are based on: regularization methods, deep learning, statistical modeling. The main goal is to analyze complex, temporal, and possibly structured data in order to: identify predictive signatures, discover interpretable patterns, infer and analyze networks.

01/01/2012 - 28/02/2017Università di Genova

Assistant Professor in Computer Science My main areas of interest were in the field of data science for biomedicine and health. I worked on machine learning methods for variable selection with sparse regularization and reproducible and robust methods in the small n large p setting.

01/01/2008 - 31/12/2011Università di Genova

Research Fellow Machine learning methods for the analysis of molecular data (DNA microarrays and clinical data)

01/06/2005 - 31/12/2008ITC-IRST

Research Fellow Machine learning methods for the analysis of molecular data (DNA microarrays, Proteomics and all -omics data)

### Istruzione e formazione/

#### Education and Training

01/11/2001 - 31/05/2005PhD in Computer Science A general framework for Image Kernel Engineering

01/11/1995 - 19/09/2001MSc in Physics Rappresentazione dati nella teoria statistica dell'apprendimento (Data representation in statistical learning theory)

### Competenze personali/

#### Personal Skills

Lingua madre / Mother tongueitalian

Altre lingue / Other languages\* Livello / Level \*

English C1 - Avanzato

\*Autovalutazione / Self-assessment: [Quadro Comune Europeo di Riferimento delle Lingue / Common European Framework of Reference for Languages](#)

### **Altre competenze/**

### **Other Skills**

Altre competenze / Other skills

Patente di guida / Driving licence

### **Ulteriori informazioni/**

### **Additional Information**

Sito personale / Personal web pages <https://scholar.google.com/citations?user=Q5k0Nr0AAAAJ&hl=en>

Ulteriori Informazioni / Additional Info