

# Marco Massimo Fato

Associate professor

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## *Education and training*

1982

### **Scientific High School Degree**

Liceo G.D. Cassini - Genova - IT

1988

### **Laurea degree in Electronic Engineering**

University of Genova - Genova - IT

1989

### **Italian National Qualification (Esame di Stato) to practice the profession of Engineer**

University of Genova - Genova - IT

1996

### **PhD in Bioengineering at the School of Engineering**

University of Genova and Pisa - Genova - IT

## *Academic experience*

1996 - 1997

### **Finsiel S.p.A (Heath Division) fellowship**

University of Genova - Genova - IT

Working on system for the management of public health emergencies in Liguria Region (Italy).

1998 - 2001

### **Scientific collaborator in the Laboratory of Bioengineering and Bioimages Laboratory of University of Genoa Department of Communication Computer and Systems Science (DIST) of Prof. Francesco Beltrame and Vincenzo Tagliasco**

University of Genova - Genova - IT

Working on digital image processing in neuro engineering.

2002 - 2004

### **Research fellowship at the Department of Communication**

## **Computer and Systems Science (DIST)**

University of Genova - Genova - IT

Working on system for the management of public health emergencies

**2003**

### **Teaching activities in the courses of Healthcare Telmatics**

IST National Institute of Cancer Research - Genova - IT

**2006 - ONGOING**

### **Tenured Associate Professor of Bioengineering**

University of Genova - Genova - IT

## ***Work experience***

**1989 - 1990**

### **Scientific collaborator in the Laboratory of Bioengineering and anthropomorphic robot**

University of Genova - Genova - IT

**1990 - 1992**

### **Developer of CAD and CAM systems in UNIX**

Video Display Systems (VDS SpA) - Firenze - IT

Developer of CAD and CAM systems in UNIX for applications in industrial robotics

**1995 - 2004**

### **Teaching activities in the course of Informatics**

Sogea - Private School of education - Genova - IT

**2005 - 2007**

### **Evaluator of Italian applied industrial research projects**

Italian Industry Ministry - Italian Research Ministry - Roma - IT

**2006 - ONGOING**

### **Evaluator of Regional applied industrial research projects**

Campania - Lazio -Piemonte - Lombardia - IT

## ***Language skills***

### **Italian**

Mother tongue

### **English**

Independent

## ***Teaching activity***

Teacher of the course Biomedical Instrumentation and Bioimages at the Scuola Politecnica of the University of Genova, Italy.

Teacher of the course "Fundamentals of data processing and biomedical signals" at the Scuola Politecnica of the University of Genova, Italy.

## ***Postgraduate research and teaching activity***

### **Supervision of PhD students, residents and post-doctoral fellows**

Tutor of several theses of “laurea” in Bioengineering and of about 20 PhD theses in Bioengineering. At the Scuola Politecnica of the University of Genoa, Department of Informatics, Bioengineering, Robotics and System Engineering (DIBRIS),

### **PhD committees membership**

PhD program in Bioengineering and Robotics of the Università degli Studi di Genova

## ***Research interests***

The main research activities are related with the acquisition, processing and rendering of bioimages with the aim of exploring the links between structure and function of biological systems (laser optical confocal microscopy) and for diagnostic and therapeutical processes (images of the human body with MR, CT, US, etc.), Tissue Engineering.