

Marco Massimo Fato

Associate professor

✉ marco.fato@unige.it

☎ +39 0103532789

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.