

Name: Marco Gai
Position: Temporary Research Scientist
Title: Dr.
Gender: Male

Education and training

1994: Laurea in Physics at University of Florence

Work Experience

2010 to present:

contract with the Institute of Applied Physics (IFAC-CNR).

The research domain at IFAC is the study of the atmosphere with remote sensing techniques, in particular focused on atmospheric radiative transfer and retrieval procedures.

Cooperation with LaboratoriVictoria (SME).

The domain of the work activity at LaboratoriVictoria is the design and development of scientific software, design and development of technical software for data acquisition and data analysis, software for machine and electronic equipment control, machines diagnostic and simulation

1998-2010:

for private companies (SME) involved in several technical and scientific projects.

1997-1998:

Université de Genève, Groupe de Physique Appliquée.

1995-1996:

for private company (SME) – software development in technical domain.

Involved in national and international scientific projects:

- The Scientific Analysis of Limb sounding Observations of the Upper Troposphere (project funded by European Space Agency ESA-ESTEC)
- Sensitivity Analysis and Application of KLIMA Algorithms to GOSAT and OCO validation (project funded by European Space Agency ESA-ESRIN and JAXA)
- Capacità Tecnologica e Operativa della Toscana per l'Utilizzo dello Spazio (project funded by Regione Toscana)