

PERSONAL INFORMATION


Giovanni Massaro

 Venezia, Italy

 +39 3495812153

 gmassaro3@gmail.com

Sex M | Date of birth 18/11/1987 | Nationality Italian

EDUCATION AND TRAINING

From November 2019 to
November 2020

Post-graduate course in Meteorology and Physical Oceanography (final grade: 110/110 cum laude)

Università del Salento and Università Parthenope

- Certificate of Meteorologist according to World Meteorological Organization;
- Thesis title: "Regional climate model projections for North-East Italy".

From October 2010 to
September 2013

Master's degree in Physics (final grade 105/110)

Università degli studi di Padova, Department of Physics and Astronomy, Italy

University of Innsbruck, Institute of Atmospheric and Cryospheric Sciences, Austria

- Thesis title: "Temperature and humidity profiles in complex terrain by ground-based microwave radiometry".

From October 2006
to March 2010

Bachelor's degree in Physics

Università degli studi di Padova (Italy), Department of Physics and Astronomy

From September 2001
to July 2006

Secondary/high school certificate with scientific orientation

Liceo Scientifico "G. B. Benedetti", Venezia, Italy

WORK EXPERIENCE

From May 2020

Climatology specialist (fixed-term contract)

Arpa Veneto, Regional Meteorological Service, Teolo (PD), Italy

- Analysis of regional model climate projections for North Eastern Italy; production of temperature and precipitation anomaly maps and climatic indexes for impact assessment;
- Technical support for the activities within European climate risk projects.

Business or sector Research and development

From December 2017
to December 2019

Research partner (fixed-term contract)

Tide forecast and early warning Center, Civil Protection - City of Venice, Venezia, Italy

- Implementation of the tide forecasting modelling and data server;
- Support to technical activities of the European projects on storm surges.

Business or sector Research and development

From June 2015
to February 2018
(voluntary resignation)

Electronics Lab employee (permanent contract)

Meteor s.a.s., Mareno di Piave (TV), Italy

- Planning of product tests and data analysis;
- Optimization of lab procedures and Quality System.

Business or sector Research and development

From January 2014
to May 2015
(ending of the research funds)

Researcher (fixed-term contract)

Twist Off S.r.l., Padova, Italy

Italian Ministry of Defence

- Modelling of propagation of radio waves through atmosphere;
- Modelling of the use of the radio-telecommunications links for meteorological measurements.

Business or sector Research and development

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English

UNDERSTANDING

B2

SPEAKING

B2

WRITING

B2

Test of language proficiency of level B1, passed at the Language Centre of University of Padua on 12/12/2006.

German

A2

A2

A2

Final exam of "German as a foreign language A2+", passed at the University of Innsbruck on 27/06/2013.

French

B1

A2

A2

Job-related skills

- Trained in statistical modeling and meteorological maps analysis, obtained at the Tide forecast Center and during the thesis work;
- Trained in analyzing large amounts of meteorological and climate data (from stations and models), obtained at Arpa Veneto, Twist Off and thesis;
- Trained in writing technical-scientific reports, obtained at Twist Off;
- Autonomy and self-organization in the assigned tasks, obtained in the management of Meteor lab.

Communication skills

- Trained in working in an interdisciplinary and international environment. At Arpa Veneto and Tide forecast Center I have worked at European projects with researchers from different countries.
- Synthesis skills acquired during the consultancy experience in Twist Off, where I collaborated with a research center of the Ministry of Defense.

Computer skills

- O. S. Windows, Linux: very good;
- Office, Latex: very good ;
- MATLAB, Octave, IDL, Python: good ;
- Thredds Data server, OPeNDAP, OGC SOS services: good ;
- NetCDF, grib data formats: very good;
- CDO Climate Data Operator: good;
- SQL, R, C++: basic.

Driving licence

- B, obtained on 9/02/2007.

Publications

- Ferrarin, C., Valentini, A., Vodopivec, M., Klaric, D., **Massaro, G.**, Bajo, M., ... and Carraro, E.: Integrated sea storm management strategy: the 29 October 2018 event in the Adriatic Sea, Nat. Hazards Earth Syst. Sci., 20(1), 73-93, 2020.
- **Massaro, G.**, Stiperski, I., Pospichal, B., and Rotach, M. W.: Accuracy of retrieving temperature and humidity profiles by ground-based microwave radiometry in truly complex terrain, Atmos. Meas. Tech., 8, 3355-3367, 2015.
- Spinello, F., Parisi, G., Tamburini, F., **Massaro, G.**, Someda, C. G., Oldoni, M., Ravanelli, R. A., Romanato, F., Mari, E.: High-order vortex beams generation in the radio-frequency domain, IEEE Antennas and Wireless Propagation Letters, 15, 889-892, 2015.

Personal data

I authorize the processing of my personal data pursuant to art. 13 of Legislative Decree. June 30, 2003, n. 196 "Code regarding the protection of personal data" and art. 13 of the GDPR EU Regulation 2016/679.

Venezia, 17/11/2020

Giovanni Massaro