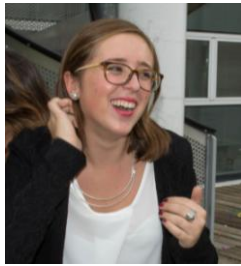


PERSONAL INFORMATION

Maria Laura Poletti



Via L.B. Durante 27/1, 16157, Genova, Italy

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laura.poletti@cimafoundation.org

Sex F | Date of birth 10/07/1991 | Nationality Italian

PREFERRED JOB STUDIES APPLIED FOR

Hydrologist, researcher in Hydrology and nowcasting radar based technique, early warning systems and flood hazard prevention

WORK EXPERIENCE

SEPTEMBER 2016- up to now

Activity of teaching support for Fluid Mechanics course

University of the study of Genova, DIME department, Via Montallegro 1
Class lectures, exercises explanation, tests and final exams preparation and correction

MARCH 2016 – up to now

Situation room operator

Cima Research Foundation, Via Magliotto 2, Savona, Italy
Monitoring of the observation italian network and of the products furnished by CIMA Foundation for the Civil Protection Department.

MARCH – SEPTEMBER 2016

Operator for yellow alert monitoring

CFMI-PC Arpal Liguria Region, Viale Brigade Paritgiane 2, Genova, Italy
Monitoring of real-time observations and meteo-hydrological chain output of CFMI-PC of Liguria Region during yellow alert

MARCH-OCTOBER 2015

Traineeship aimed at master thesis preparation

CFMI-PC Arpal Liguria Region, Viale Brigade Paritgiane 2, Genova, Italy
Research analysis of an operational tool used for the forecast of thunderstorm in the meteo-hydrological chain of ARPAL

MARCH-OCTOBER 2013

Traineeship aimed at bachelor thesis preparation

CFMI-PC Arpal Liguria Region, Viale Brigade Paritgiane 2, Genova, Italy
Study on a expeditious procedure for the estimation of the discharge in little catchments of Liguria region and calibration of an hydrological model used by the CFMI-PC

EDUCATION AND TRAINING

NOVEMBER 2015- up to now

PhD in Computer Science and System Engineering curriculum System Engineering

University of Genoa and CIMA Research Foundation
Hydrological nowcasting, radar based nowcasting technique, hydrological models, flood forecast, real time applications

OCTOBER 2013 – OCTOBER 2015

Master Degree in Environmental and Energy Engineering (107/110)

University of Genoa
Learning and deepening of subject of environmental and energetic interest.

SEPTEMBER 2010 – OCTOBER 2013

Bachelor degree in Environmental Engineering (107/110)

University of Genoa
Learning of subjects common in all the engineering fields. Deepening of subjects characterizing the civil-

environmental engineering.

PERSONAL SKILLS

Mother tongue Italian

Other language

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | C1 | B2 | B2 | B2 |
| First Certificate B2 | | | | | |

Communication skills Good communication skills gained through years of university studies and in the years of PhD

Organisational / managerial skills Excellent organisational skills developed in years of managing of volunteering activity with children and teenagers with the Community of Sant'Egidio carried on since 2008).

Job-related skills Very good skills in team working developed along the university studies and during the PhD

Digital competence

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|------------------|------------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | Proficient user | Independent user | Independent user | Independent user |

Deep knowledge of the instruments of the "Microsoft Office" package. Good ability to use Matlab software, basis knowledge of the software QGIS and of the programming language in Linux environment.

Driving licence Driving license cat. B

ADDITIONAL INFORMATION

Publications "Severe hydro-meteorological events in Liguria Region: calibration and validation of a meteorological indices based forecasting operational tool" above the results obtained in the Master thesis, on the journal Meteorological Applications (DOI 10.1002/met.1653).

Presentations Oral presentation at International Conference on Urban Drainage 2017 (Prague, 10-15 September 2017) and at 16th Plinius Conference on Mediterranean Risks (Montpellier, 9-11 October 2018) on PhD thesis work

Projects Anywhere project, "Io non Rischio" project

Conferences Participation to:

- 15th Plinius Conference on Mediterranean Risks, Giardini Naxos, Italy, 8-11 June 2016
- Giomate dell'Idrologia 2017, Favignana, Italy, 21-24 June 2017
- European Geoscience Union (EGU) General Assembly 2017, Vienna, 23-28 April 2017
- International Conference on Urban Drainage (ICUD) 2017, Prague, 10-15 September 2017
- European Geoscience Union (EGU) General Assembly 2018, Vienna, 8-13 April 2018
- ERAD, European Radar Conference 2018, Wageningen 1-6 July 2018
- 16th Plinius Conference on Mediterranean Risks, Montpellier, 9-11 October 2018