

## PERSONAL INFORMATION

## Massimiliano Drudi



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Sex Male | Date of birth 09/10/1977 | Nationality Italian

## POSITION

## Research Associate at CMCC Foundation

## WORK EXPERIENCE

from April 2018 – to Today

**Research Associate**

at CMCC Foundation ([www.cmcc.it](http://www.cmcc.it)) in Bologna – Italy

- development of software for operational oceanography
- responsibilities in marine service evolution and management in project Med MFC (CMEMS phase 2 - Copernicus EU program)

**Business or sector** Public Sector - Research&Development

from August 2011 – to April 2018

**Technologist in Operational Oceanography Group**

At Istituto Nazionale di Geofisica e Vulcanologia ([www.ingv.it](http://www.ingv.it)) in Bologna - Italy

- development of MPI parallel software for the operational oceanographic system
- development of workflow management software for the operational oceanographic service
- development of software tool for data analysis in Cloud/Hadoop environment to elaborate long oceanographic data timeseries from model simulation - project MELODIE (FP7)
- responsibilities in marine service evolution and management in project Med MFC (CMEMS phase 1 - Copernicus EU program), projects MyOcean (FP7), MyOcean2 (FP7), MyOcean FollowOn (H2020)

**Business or sector** Public Sector - Research&Development

from June 2007 – to July 2011

**Technician in Operational Oceanography Group**

At Istituto Nazionale di Geofisica e Vulcanologia ([www.ingv.it](http://www.ingv.it)) in Bologna - Italy

- Maintenance data access server
- Maintenance HPC system
- Service Manager in project MyOcean, since 2009

**Business or sector** Public Sector - Research&Development

## EDUCATION AND TRAINING

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- February 2014 **Hybrid Programming on Massively Parallel Architectures**  
CINECA - PRACE Project ( <http://www.prace-project.eu/> )
- February 2012 **10th Advanced School on Parallel Computing**  
CINECA - PRACE-3IP Project ( <http://www.prace-ri.eu/> )
- From 2004 to 2006 **Post-Master's Certificate, Scientific Computing**  
1-year academic programme held at the School of Science and Mathematics, plus a training lasted 9 months at ESA (European Space Agency)
- From 1996 to 2002 **Master of Science in Engineering (M.Sc. Eng.), Computer Science,**  
Universita' degli Studi di Roma "La Sapienza"

Bologna , July 9<sup>th</sup> 2018

