M PAUL Maxime
13 rue Gaudray
92170 VANVES
06.76.83.62.81/ maxime.paul@obspm.fr
25 years old, Driving licence

Scientific consultant

Computer skills

- Linux
- **Languages**: Java, C, Fortran, Matlab and html.

Skills

- Project management
- Team management

Languages

- **English**, TOEFL (2007) and Advanced Certificate of Cambridge (2003)
- **Spanish**
- **German**

Formation

2010-2013*:* MBA (Master of Business and Administration) - *Collège des Ingénieurs (Paris 6)*

2010-2013*:* PhD – *LERMA, Observatoire de Paris (Paris 14)*

2009*:* Master 2 Physics in teledetection – *Université Pierre et Marie Curie (Paris 6)*

2008*:* Engineer – option Mechanics and Physics for the environment - *Ecole polytechnique (Palaiseau, 91)*

Professional experience

Sept.10 to today: **PhD in meteorology**
(PhD) *LERMA*
Subject: Synergy of the infrared and microwave sensors of MetOp to be used in the retrieval of atmospheric profiles.
– *Supervised by Dr. Filipe AIRES at the Observatoire de Paris (Paris 14)*

- **Environment and skills**: Matlab Fortran, statistical analysis, neural networks.
- **Meetings:** ITSC XVIII in Toulouse, France and "3rd Workshop on Remote Sensing and Modelling of Surface Properties", Beijing, China

Sept.12 to today: **Scientific consulting to Estellus** *(meanwhile the PhD)*
(Consulting) *Estellus*
Mission : Building of a meteorological database with automatic update and simple format.

- Study of the needs and the time necessary.
- Relation with the partners for the data sharing.

Feb.10 – Jul.10 /
March 09 – Jul.09: **Scientific internships in meteorology**
(Internships) *Laboratoire de Météorologie Dynamique*

Supervised by Dr. Filipe AIRES at the Université Pierre et Marie Curie (Paris 6) :

Subject 2010: Measuring and exploiting the infrared and microwave synergy in the MetOp platform for the retrieval of atmospheric profiles over continental surfaces.

Subject 2009: Measuring and exploiting the infrared and microwave synergy in the MetOp platform for the retrieval of atmospheric profiles over oceanic surfaces.

- **Environment:** Matlab and Fortran
- **Meeting:** ITSC XVII in Monterrey, California, USA

Sept.06 – Apr.07: **Firemen in Paris**
Rungis center (94)
Role : In charge of the ambulance

- Management of three firemen in emergency situations

Publications

2012: "An innovative physical scheme to retrieve simultaneously surface temperature and emissivities using high spectral infrared observations from IASI",
by Paul, Aires, Prigent, Trigo and Bernardo, JGR, 117(D11302), 2012.

2012: "Synergetic multi-wavelength remote sensing versus a posteriori combination of retrieved products: 3. Application for the retrieval of atmospheric profiles using MetOp measurements",
by Aires, Aznay, Prigent, Paul and Bernardo, JGR, 117 (D18304), 2012.

2011: "Mesure and exploitation of multi-sensor and multi-wavelength synergy for remote sensing: 2. An application for the retrieval of atmospheric temperature and water vapour from MetOp",
by Aires, Paul, Prigent, Rommen and Bouvet, JGR, 116(D02302), 2011.

Hobbies

Rugby, snowboard, swimming and sailing.