

# Anne VAN GORP

*PhD Student at CMAP*

CMAP - École polytechnique  
Route de Saclay  
91128 PALAISEAU Cedex  
✉ [anne.van-gorp@polytechnique.edu](mailto:anne.van-gorp@polytechnique.edu)  
📧 [anne.vangorp.fr](mailto:anne.vangorp.fr)  
Date of birth : October, 1st 1992

---

## Studies

- 2017 – **PhD Student**, in *Applied Mathematics at CMAP, École Polytechnique*,  
Supervisors: Amandine VEBER and François ROBIN,  
Subject: Multi-scale modelling of the cellular cortex.
- 2016 – 2017 **M2 (second year of Master's degree)**, *Mathematics for the Life Sciences at Paris-Sud University* .
- 2015 – 2017 **M2 (second year of Master's degree)**, *Preparation for the competitive exam of Agrégation in Mathematics at Paris-Sud University*,  
Obtained “Agrégation Externe de Mathématiques”.
- 2014 – 2015 **M1 (first year of Master's degree)**, *Fundamental and Applied Mathematics at Paris-Sud University*.
- 2013 – 2014 **L3 (Bachelor's degree)**, *Fundamental and Applied Mathematics at Paris-Sud University*.
- 2010 – 2013 **Prep class MPSI-MP\* (Mathematics and Physics)**,  
*Advanced three-year undergraduate program for competitive exams*,  
Lycée Henri Wallon, Valenciennes (France).
- 2009 – 2010 **Baccalauréat with honors**,  
Lycée Notre Dame de Grâce, Maubeuge (France).

---

## Internships and projects

- 2017 **M2 Internship**, at *CMAP, École Polytechnique*,  
Supervisors: Amandine VEBER and François ROBIN,  
Subject: Stochastic modelling of a population of actin filaments.
- 2016 – 2017 **M2 Project**, at *Paris-Sud University* ,  
Supervisors: Amandine VEBER and François ROBIN,  
Subject: Stochastic modelling of actin dynamics.
- 2015 **M1 Project**, at *Paris-Sud University*,  
Supervisor: Amandine VEBER,  
Subject: Modelling of the evolution of the genetic diversity in a population. Model of Wright-Fisher.

---

## Teaching

- 2017 – **Teaching**, *IUT of Cachan*.  
Courses, exercises and educational support in mathematics.
- 2016 – 2017 **Tutoring**, *Paris-Sud University* .  
Educational support in mathematics for bachelor students.
- 2015 – 2016 **8 weeks supervised teaching**, *Lycée Parc de Vilgénis, Massy*.  
Teaching in high school once per week.

---

## Skills

- Languages French (Native), English (Scientific), Spanish (Basic).
- Programming Scilab, Matlab, R, HTML/CSS, C/C++, Python .
- Office Microsoft office,  $\text{\LaTeX}$ .