



Angèle Taillard

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Second year Ph.D student at the Laboratoire d'Astrophysique de Bordeaux, France, working on the early phases of the star formation and the non-thermal desorption mechanisms under the supervision of Valentine Wakelam and Pierre Gratier

Languages

French : native language

English : fluent

Personal Skills

Driving license, category B

Programming

Python, C++, Fortran 77 & 90,
Root, CCP, Linux

Softwares

Gildas package (Imager, Class, Mapping), Mathematica, Adobe photoshop suite, Office suite, LaTeX

Lab skills

Celestial observation: optics & IR, Electronics: maintenance on detector chambers of ATLAS (CERN) & silicium detectors, solar cells: installation and calibration

Hobbies

Fencing (Sabre Dame)
University Champion 2018 & 2020, 3rd place in cross-border tournament 2022, Painting, Running: semi-marathon and 10K finisher, Reading

Education

2020- : PhD student; Laboratoire d'Astrophysique de Bordeaux, France

2020 : Dual Master of Physical Chemistry and Chemical Physics
Colorado School of Mines, Université de Bordeaux

2019 : CERN Summer Student, Centre National de la Recherche Nucléaire, Geneva, Switzerland

2018 : Bachelor degree in Physics and Chemistry, Université de Bordeaux

2017 : Preparatory classes for engineering schools in Mathematics and Physics, CPBx, Bordeaux

2015 : Scientific Baccalaureate, highschool diploma

Technical experience

2020 : Internship (6 months) at Laboratoire d'Astrophysique de Bordeaux, Université de Bordeaux, Bordeaux, France

2019 : CERN Summer Student (2 months), CERN, ATLAS experiment, Geneva, Switzerland

2019 : Case study at Colorado School of Mines (6 months), CSM, Fundamental Physics Group, Golden, USA

2018 : Internship at CERN on the ATLAS experiment (1 month), CERN, Geneva, Switzerland

2014 : European Southern Observatory Astronomy Camp (1 month), Selected by the Laboratoire d'Astrophysique de Marseille

Professional experience

2016-2019 : Private tutor, Mathematics, Physics, Chemistry, English

2016-2017 : Hospital Services Employee (2 months), Bordeaux Hospital

Volunteering experience

2015-2017 : Vice-president of the "CPBx association" for students

2015-2018 : Speaker for "Journée de la Science", speech, lectures and experiments in high school

2019 : Help for the organization of the CERN summer students' external activities

2015-2020 : Student delegate, organizing social events and seminars