

Mathurin Choblet

Physics Master Student



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German, French

About Me

As a physicist interested in the climate system, my aim is to contribute in better understanding its mechanisms, internal and external variability and how this knowledge can contribute to planning a sustainable future. In the last year of my studies I developed skills in analyzing and combining data from both climate model simulations and paleoclimatic records. In general, I am a person keen on learning, solving problems efficiently, working in teams and broadening my world view.

Programming Skills



Python

Frequently used packages:



Numpy, Xarray, Matplotlib,
Scipy, Numba, Dask



Basic knowledge of



Fortran, C++, MySQL, Matlab,
HTML, git and UNIX

Public Code



github.com/mchoblet

Languages

German



French



English



Spanish



Polish



Portuguese



Education

Studies

- 2020 – 2022 **Master of Science in Physics** Heidelberg University
Thesis about Paleoclimate Data Assimilation. Advisor: Kira Rehfeld.
Submission planned for December 2022.
- 2019 – 2020 **Erasmus** University of Santiago de Compostela
Master physics courses (in Spanish), focus on Environmental and Computational Physics.
- 2015 – 2019 **Bachelor of Science in Physics** Heidelberg University
Additional courses in Computer Science, Chemistry and Spanish language.

Work Experience

At University

- April 2021 – January 2022 **Administrator for a Climate Change webgame** Tübingen University
Maintenance of Keep Cool, a game illustrating economic impacts of climate change and the importance of international cooperation.
- April 2017 – July 2019 **Evaluation organizer** Heidelberg University
Organization of the biyearly teaching evaluation at my faculty.
- March 2018 **Teaching assistant at physics lab for pharmacy students** Heidelberg University
Student supervision, tutoring and grading of protocols.

Outside of University

- May 2022 – present **Tour guide in Heidelberg** independent
I organised and developed a tour about the history and the student life of the city in Spanish language. I offer the tour twice a week.

Academic Self Government

- 2018 – 2022 Member of four appointment committees for new professorships.
- 2021 Elected representative for university-wide study program accreditation.
- 2016 – 2019 Student representative in the faculty and study committee.

Volunteering

- 2016 – 2022 **Student representative in the student council**
Participated in the organisation of events, representation in faculty committees and the improvement of teaching.
- 2020 – 2022 **International Buddy**
Contact person for new international students.
- 2019 – 2022 **Poll worker**
Helped at local, nationwide and European elections.
- 2019 – 2020 **Soup kitchen volunteer**
at the Cocina económica de Santiago de Compostela
- 2014 – 2015 **Refugee aid**
Regular activities with young people from Syria, Somalia and Eritrea who arrived at my home town.

Hobbies

Learning languages, cinema, literature, hiking and travelling.