

# Max COPPIN

PhD Student

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🌐 <https://max-coppin.github.io>

## WORK EXPERIENCE

- Now **PhD, Institut des Géosciences de l'Environnement (IGE), Grenoble, France**
- Oct 2023 ○ SUPERVISORS: Joel SOMMERIA and Bruno DERUMBLE  
○ PROJECT: Observation of the Oceanic Convection
- Apr 2023 **Research internship, Laboratoire d'Océanographie Physique et Spatiale**
- Sept 2023 **(LOPS), Plouzané, France**
- SUPERVISORS: Xavier CARTON and Camille LIQUE  
○ PROJECT: Stability of mesoscale vortex under sea ice friction in the Arctic
- Apr 2023 **Research internship, LOPS, Plouzané,, France**
- Sept 2023 ○ SUPERVISORS: Xavier CARTON and Pierre L'HÉGARET  
○ PROJECT: Front dynamics, between the inflowing Indian Ocean Surface Water, and the outflowing Persian Gulf water, from the observations of 2014

## Education

- Now–2023 **PhD in Physical Oceanography, IGE, Grenoble, PhD**
- 2023–2021 **Master in Marine Physics, University of Western Brittany, Brest,**  
*M.Sc with highest Honors, rank 2*  
Specialisation in Ocean and Climate Physics
- 2021–2020 **3rd year undergraduate student in Fundamental Mathematics,**  
*University of Western Brittany, Brest, B.Sc with Honors, rank 3*  
Option in Arithmetic and combinatory applications and graphs
- 2018–2020 **Advanced Classes to prepare entrance to the French "Grandes Ecoles",**  
*Lycée Etienne Mimard, Saint-Etienne*  
Physics and Engineering Science
- 2017–2019 **Advanced Classes to prepare entrance to the French "Grandes Ecoles",**  
*Lycée Militaire de Saint-Cyr, Saint-Cyr l'École*  
Mathematics, Physics and Engineering Science

## Participation in scientific events

### Workshop

- May 2024 - INTERFACES IN THE CLIMATE SYSTEM, **Grenoble, France**, Oral presentation
- Nov 2023 - CONVECTION'S DAYS, **Avignon, France**, Oral presentation

### Summer School

- Apr 2023 - FLUID MECHANICS OF PLANETS AND STARS, **CISM - Udine, Italy**

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## Grants - Funding

Apr 2023 - THEMATIC SCHOOLS FUNDING, **ISBlue, Brest, France**, €1300

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## Teaching

2024 **ENS3 Engineering school, Grenoble, France**, *3rd year undergraduate student*,  
PRACTICAL COURSE IN THERMAL PHYSICS:  
Forced convection, Charge losses, Conduction, Heat transfer