



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

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Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Laboratoire d'Océanographie de Villefranche https://lov.imev-mer.fr/web/home/
Research Team	Marine Optics, Remote sensing and Biogeochemical Applications https://lov.imev-mer.fr/web/team-omtab/

Project Title

Observing marine ecosystem and carbon fluxes with BGC-ECO-Argo profiling floats

Project Description

BGC-Argo profiling floats can now be equipped with sensors for measuring key biogeochemical properties of the ocean, and with two innovative (imaging and active acoustic) sensors dedicated to observing zooplankton and micronekton. This new generation of platforms ("BGC-ECO-Argo") will be deployed in the Southern Ocean and will enable an in-situ characterization of different modes of the biological carbon pump as well as interactions within food chains under different environmental conditions.

Keywords

biological carbon pump, mid-trophic levels, southern ocean

Description of the Host Research Lab

The four main missions of LOV are research (expanding knowledge), observation, teaching and outreach. They contribute to the study of the world's oceans and, in particular the response and contribution to global change, with the aim of predicting the future evolution of ecosystem services. These studies cover offshore and coastal areas, exchanges at the air/sea/land/ice pack interfaces, and, in the sea, the water column. The variables studied belong to the disciplines of biology, chemistry, biogeochemistry and physics (optics and hydrodynamics).

To submit your application, please send an email with the required documents to
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