



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
advancing research*

Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Jean-Olivier Irisson
Supervisor page	https://lov.imev-mer.fr/web/member/jean-olivier-irisson/
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	Computational Plankton Ecology https://lov.imev-mer.fr/web/team-complex/

Project Title

Zooplankton behaviour and physical forcing in submesoscale structures

Project Description

Planktonic organisms play key roles in carbon cycling and food webs in the oceans. They are often accumulated by eddies and fronts over ~100km. At the edges of those structures, density instabilities create vertical currents at submesoscale, which can strongly influence the life of the organisms there. A massive, high frequency in situ imaging will allow the candidate to capture the distribution of zooplankton at the appropriate scale to study these processes and infer their behaviour.

Keywords

behavioural ecology, plankton, quantitative imaging

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
msca-pf@sorbonne-universite.fr