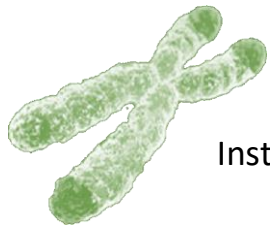




# Behavioural & Evolutionary Ecophysiology 2024 Summer School

**2-6 September, 2024**

Institut Pluridisciplinaire Hubert Curien, CNRS  
Bâtiment 60  
23 Rue Becquerel, 67200 Strasbourg



Our Summer School focuses on providing students theoretical and practical skills related to behavioural and evolutionary ecophysiology. Ecosystems change and respond to climate change in ways that still need to be studied in order to understand and protect biodiversity.

Several approaches will be discussed to better apprehend phenotypic plasticity and the inter-individual variability such adaptations can present. Selected students will also learn to measure both physiological & behavioural traits in the lab and in the field.

The Bee-s Summer School provides a unique opportunity to gather this knowledge from experts, but also to meet new people and exchange about your work in the beautiful city of Strasbourg.

Additionally, some social time will be organised, including an evening in a Winstub and an Escape Game.

## Practical information

To apply send your Curriculum Vitae and a cover letter explaining why this summer school is relevant for your PhD project to:

[Bee-s@iphc.cnrs.fr](mailto:Bee-s@iphc.cnrs.fr)

**Registration fees:** 320€

Included: accomodation (4 nights), 4 lunches and 1 dinner in a restaurant  
Registration fees do not include flight/train tickets, transfers, remaining dinners, and social events.

The summer school starts on Monday afternoon and finishes on Friday afternoon

Places are limited to 22 PhD students

Deadline to apply: **7 July 2024**



# PROGRAM

## Conferences

### Theme 1 - Environmental Pollution

Norith Eckbo (*University of South-Eastern, Norway*)

Clémentine Fritsch (*University of Franche-Comté, France*)

Dimitri Heintz (*University of Strasbourg, France*)

### Theme 2 - Climate variation

Rebecca Rimbach (*University of Münster, Germany*)

Loic Teulier (*University of Claude Bernard, Lyon, France*)

### Theme 3 - Habitat changes

Juliana Almario (*University of Claude Bernard, Lyon, France*)

Marion Chatelain (*University of Innsbruck, Austria*)

Caroline Habold (*University of Strasbourg, France*)

Sara Leonhardt (*Technical University of Munich, Germany*)

## Practical courses

1 - Capture of field animals and behavioural tests.

Capture of wild birds with mist nets (demonstration of demeshing, handling of birds and blood sampling).

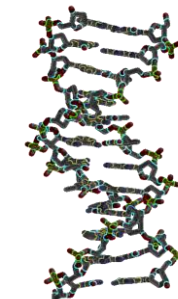
Handling & practical course on bumblebees or Platyhelminthes

2 - Understand the usefulness and physiological measurements that can be obtained with a cytometer

3 - Measure of resting and field metabolism (respirometry and Double Labelled Water)

4 - Longevity index: telomeres (DNA extraction and measurements of telomeres)

5 –How data obtained during the practical courses can be analysed?



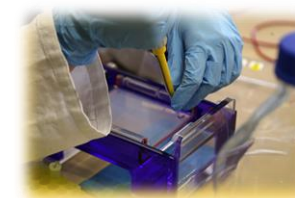
How to popularize the PhD project: interview with journalism students (Journalism school from Strasbourg university)



Visit of Hamster enclosure



PhD student's brief oral presentations



Escape game

