

The Σ PhD Symposium



October 6th -7th 2022

PROGRAMME FLOW

Day 1, Thursday October 6th

9.20h-9.45h -- Aina Barcelona (UdG)

Seagrass density effect on the shrimp resilience and habitat preference under flow regimes.

9.45h-10.10h -- Itziar Burgues, CEAB (CSIC)

Seasonal variation in sponge pellet production rates in the Coralligenous community from in situ and ex situ experimental designs.

10.10h-10.35h -- Alessandra Cani, IRBIO (UB)

Niche partitioning among marine mammals inhabiting a positive estuary as revealed by stable isotopes of C, N, S and O.

10.35h-11.00h -- Joana Colomer, Minuartia, IRBIO (UB)

Reproduction of wild boar in different Mediterranean habitats – first step towards a reliable population modelling.

--- COFFEE BREAK

11.30h-11.55h -- Elena Fernandez Corredor, ICM (CSIC)

The trophic role of Mediterranean chondrichthyans: food web modelling and extinction scenarios.

11.55h-12.20h -- Pol Fernandez, CEAB (CSIC)

Information flow and behavioural plasticity guide the phases of foraging in *Aphaenogaster senilis*.

12.20h-12.45h -- Laura Figuerola, IRBIO (UB)

Marine benthic species distribution models across different spatial scales: challenges and implications for conservation planning.

12.45h-13.10h -- Xènia Rodríguez, CREA (UAB)

Cell molecular bases of freshwater diatom species segregation along pH gradients: an experimental approach.

--- LUNCH SERVED AT CEAB

15.00h-15.25h -- David Pineda, CEAB (CSIC)

High variability of phosphorus uptake by stream biofilms along a gradient of human pressures

15.25h-15.50h -- Marc Riera, CREA (UAB)

Paths of success: non-native niche breadth increases with time since introduction, native niche breadth and broad human introduction.

15.50h-16.15h -- Diego Vicente Sastre, IRBIO (UB)

Carry-over effects on a long-lived partial migratory seabird

16.15h-16.40h -- Yanis Zentner, IRBIO (UB)

Assessing the effectiveness of nature-based solutions for maintaining the integrity and functioning of high-diverse Mediterranean coral-dominated coralligenous assemblages in a climate changed world

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16.45h-19.00h -- Pursuing a PhD: Open discussion of challenges and opportunities

During this final part of the day, we have dedicated time to have an open and friendly discussion about the challenges and opportunities for pursuing a PhD. We will start with four short 5min talks from CEAB researchers about their different stages of their career and how they got there, after which we will have a round table discussion about anything that may be on your mind, with the chance to start discussions and get feedback from the senior scientists and your fellow PhD students.

Day 2, Friday October 7th

9.30h-10.30h -- Cristina Linares, IRBIO (UB)

Understanding the functioning of benthic ecosystems in a warmer ocean: from macroecology to community and population ecology perspectives.

--- COFFEE BREAK

11.00h-12.00h -- Jason Matthiopoulos, Univ. of Glasgow, Scotland, UK

Defining, estimating and understanding the fundamental niches of complex animals in heterogeneous environments.

12.00h-13.00h -- Alejandro Martinez-Abraín, Univ. da Coruña

The current state of the biosphere: optimism or doom and gloom?

--- CLOSURE

The symposium aims to be a regular retreat for PhD students in any ecological discipline. The symposium provides a great opportunity for students to share and receive valuable feedback, on both their ecological work and presentation skills. The symposium will also be a space to network and socialize with other students and seniors.

Registration is free but necessary. All students and seniors should register to attend the symposium by simply sending your name and affiliation to theephd@ceab.csic.es

More information in our website
www.ceab.csic.es