

3rd Σ PhD Ecological Symposium - PROGRAM

Day 1, Thursday September 26th

09.00h – 09.15h **Registration**

09.15h – 09.30h **Reception and welcome**

09.30h – 09.55h **Marta Pardo (CEAB - CSIC)**

The spread of *Aedes albopictus* in Spain: linking human mobility and habitat suitability

09.55h – 10.20h **Natàlia Martínez (CREAF - UAB)**

Extinction selectivity obscures patterns of trait-dependent endangerment in Columbiformes

10.20h – 10.45h **Anna Equisuany (UDG)**

Analyzing changes in functional traits structure and complexity in spatial and environmental gradients

10.55h – 11.10h **Pol Fernández (CEAB - CSIC)**

Information at the core of social complexity: insights from liquid brains on the ecological mechanisms driving ant foraging dynamics

Coffee break (11.10h – 11.35h)

11.35h – 12.00h **Maria Estarellas (IBE - CSIC - UPF)**

Saving the locals; conservation genomics for the Spanish Toothcarp (*Aphanius iberus*)

12.00h – 12.25h **Victoria Frutos (UVIC)**

Contributions of temporary ponds to freshwater biodiversity and services

12.25h – 12.50h **Miriam Gimeno (ICM - CSIC)**

Navigating climate change and extreme events in the southern hemisphere through penguin's eyes

12.50h – 13.15h **Irene Gil (UDG)**

The impact of the invasive mosquitofish on water quality might affect the outcome of competition with Spanish toothcarp

Lunch (13.15h – 14.45h)

14.45h – 15.10h **Elena Baños (CEAB - CSIC)**

Unraveling historical dynamics of marine biological invasions: A sedaDNA research in marine intertidal ecosystems

15.10h – 15.35h **Xavier Peñarroya (CEAB - CSIC)**

Oxygen depletion and anaerobic microbial respiration in an intermittent Mediterranean stream during transition from wet to dry conditions

15.35h – 16.00h **Anna Doménech-Pascual (UDG)**

Microbial enzyme activities differ in their response to soil translocations with increasing aridity

16.00h – 16.25h **M. Dolores Castro-Cadenas (ICM - CSIC)**

Assessing the effect of banning bottom trawling within Natura 2000 sites of the western Mediterranean Sea

16.25h – 20.00h **Pursuing a PhD: Open discussion of challenges and opportunities**

(Snacks and cheap drinks will be available!)

Day 2, Friday September 27th

09.30h – 10.30h **Pablo Almaraz (ICMAN - CSIC)**

Everything is moving: forecasting the robust transient dynamics of nonautonomous ecosystems

Coffee break (11.10h – 11.35h)

11.00h – 12.00h **Mar Cabeza (Univ. of Helsinki, Finland)**

Bats: The good, the bad and the ugly

12.00h – 13.00h **Jordi Martínez-Vilalta (CREAF - UAB)**

Are functional traits helpful for predicting the response of ecosystems to environmental changes?

Closure