

Workshop and Conferences for PhD candidates in Environmental Sustainability INGURU-DOK 2025



11th Workshop CTA/ECT 2025

17th October 2025

Plentzia Marine Station, UPV/EHU

Contact for information and registration: carlos.oleagagoitia@ehu.eus (Secretariat)

Presentation

The 11th Workshop CTA/ECT 2025 is part of the formative activities organized annually by the PhD programme “Contaminación y Toxicología Ambientales/Environmental Contamination and Toxicology” CTA/ECT within the wider context of the INGURU-DOK Workshop and Conferences for PhD candidates in Environmental Sustainability. It will take place on the 17th of October at the Plentzia Marine Station of UPV/EHU. The workshop consists of presentations by PhD candidates about the progress of their PhD thesis.

In addition to PhD candidates of the CTA/ECT PhD programme, PhD candidates of MER and ECIPP programmes, master students of CTA, MER+, ECT+ and ECIPP masters and interested researchers are invited to attend the workshop. Certificates of attendance will be provided. PhD candidates attending the Workshop will get a certificate that must be uploaded to the GAUR system.

Objectives

The objectives of the workshop are two-fold. First objective is that PhD candidates learn to communicate and discuss their results and ideas. For this, PhD candidates will present their research lines and the progress of their PhD thesis in at least two workshops (2nd and 3rd years), indicating advances, perspectives and problems faced during their research. A one-page abstract must be sent to the secretariat before the 26th of September and will be distributed to the academic commission and chairs of the session. The presentations will take 20 min and up to additional 20 min will be devoted to questions and comments from invited experts, the academic commission and other staff members of the PhD programme as well as from the audience attending the workshop. As a second objective, the academic commission of the CTA/ECT programme, in collaboration with invited experts, will evaluate the progress of presented PhD thesis.

Programme

9:15. Welcome and introduction. **Miren P. Cajaraville** (UPV/EHU).

First session. Chairs: **Ibon Cancio** (UPV/EHU), **Maren Ortiz** (UPV/EHU), **Nerea García-Velasco** (UPV/EHU).

9:30-10:10. Presentation by PhD student (24/25). “*Development of environmentally realistic novel advanced approaches for exposure and effect assessment of environmental and bio-based micro and nanoplastics in marine organisms*”. **Afrin L Parvin**.

10:10-10:50. Presentation by PhD student (24/25). "*Application of Standard Methods and New Approach Methodologies for Safety Assessment of Advanced Chemicals and Materials*". **Mikel Isasi**.

10:50-11:30. Presentation by PhD student (23/24) "*Cell and tissue level responses to environmental stress in oysters along the Basque Coast*". **Itziar Arranz Veiga**.

11:30-12:00: Coffee break and networking

Second session. Chairs: **Ionan Marigómez** (UPV/EHU), **Alberto Katsumiti** (GAIKER), **Eider Bilbao** (UPV/EHU).

12:00-12:40. Presentation by PhD student (22/23) "*Decoding Sewage Impacts in Estuaries: Chemical Stress, Organism Responses & Microbial Promise*". **Evgeni Bunin**.

12:40-13:20. Presentation by PhD student (23/24) "*Molecular mechanisms of oocyte atresia in rainbow trout (*Oncorhynchus mykiss*) under food restriction: autophagocytosis and lysosomal biogenesis (phagoTOR)*". **Clarissa Atzori**.

13:20-14:00. Presentation by PhD student (23/24) "*Transmission of diseases at the interface between wild and domestic species, with particular emphasis on emerging infectious diseases*". **Ane López Morales**.

14:00-15:00. Lunch break and networking.

Third session. Chairs: **Maria Jesus Belzunce** (AZTI-Tecnalia), **Maitane Olivares** (UPV/EHU), **Ailette Prieto** (UPV/EHU).

15:00-15:40. Presentation by PhD student (24/25): "*Obtention, chemical and toxicological characterization, and risk assessment of environmental microplastics and nanoplastics in the marine environment of the Bay of Biscay*". **Isabella Gutiérrez Zabala**.

15:40-16:20. Presentation by PhD student (23/24): "*Unravelling the volatile and semi-volatile profile of water-accommodated fraction comparing a conventional fiber and a metal-organic framework fiber*". **Carles Moreu Romero**.

16:20- 17:00. Presentation by PhD student (22/23): "*Distribution and occurrence of emerging organic compounds in the estuary of Plentzia*". **Maddi Salvach**.

Closing of the workshop.