

Workshop and Conferences for PhD candidates in Environmental Sustainability INGURU-DOK 2024



10th Workshop CTA/ECT 2024

4th October 2024

Plentzia Marine Station, UPV/EHU

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

Presentation

The 10th Workshop CTA/ECT 2024 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 4th of October at the Plentzia Marine Station of UPV/EHU. The workshop consists of presentations by PhD candidates and an invited closing lecture.

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 20th of September. 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), **Javi Franco** (AZTI-Tecnalia), **Maitane Olivares** (UPV/EHU).

9:30-10:10. Presentation by PhD student (23-24) “*The role of xenobiotics in follicular fluid: women's reproductive health from an exposomic and metabolomic perspective*”. **Esther González**.

10:10-10:50. Presentation by PhD student (23-24) "*Environmental safety of novel bio-based polymers based on in vitro and fish embryo toxicity screening tests and study of the toxicity mechanisms in zebrafish*". **Gaybrielle Smith**.

10:50-11:30. Presentation by PhD student (23-24): "*Determination of cell and tissue level responses in mussels and oysters exposed to environmental stress: a comparative study*". **Itziar Arranz**.

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

Second session. Chairs: **Ionan Marigómez** (UPV/EHU), **Nestor Etxebarria** (UPV/EHU), **Eider Bilbao** (UPV/EHU).

12:00-12:40. Presentation by PhD student (22-23): "*Hediste diversicolor model for evaluation of estuarine sediment toxicity impacted by sewage treatment plants*". **Evgeni Bunin**.

12:40-13:20. Presentation by PhD student (23-24): "*mTOR: molecularly integrating nutritional and stress status into growth vs autophagocytosis in fish oocytes (phagoTOR)*". **Clarissa Atzori**.

13:20-14:00. Presentation by PhD student (21-22): "*Bacterial resistome in a freshwater ecosystem affected by wastewater treatment plant discharge: application of a refined metagenomic analysis workflow*". **Irene Beltrán de Heredia**.

14:00-15:00. Get together lunch and networking at the PiEs terrace or room 1.

Third session. Chairs: **Olatz Zuloaga** (UPV/EHU), **Beñat Zaldibar** (UPV/EHU), **Nerea García-Velasco** (UPV/EHU).

15:00-15:40. Presentation by PhD student (21-22): "*A step towards assessing early exposure to per- and polyfluoroalkyl substances (PFAS) in childhood and adolescence*". **Anne San Roman**.

15:40-16:20. Presentation by PhD student (21-22): "*New and used fishing net degradation and toxicity of their DMSO extracts*". **Edgar Dusacre**.

Closing invited lecture.

16:20-17:15. "*Towards an effect-based risk assessment of emerging contaminants: criteria, tools and challenges*". **Alessandro Nardi**. Department of Life and Environmental Sciences, Polytechnic University of Marche, Ancona.

17:30. Closing of the workshop.