

CFT4 Course Title: Crafting good communication skills: talks and posters

Modality: Transversal Training Course

Dates: March 18 to April 9 2019

Duration:

In-person lectures: 3h

On-line platform: 17h

Location: Videoconference room TORRE-CACTI Building, University de Vigo for the in-person lectures

Language: English

Academic coordinators:

Name	Institution	e-mail
María Aranguren Gassis	Universidade de Vigo	aranguren@uvigo.es

Lecturers:

Name	Institution	e-mail
Ana Fernández Carrera	Universidade de Vigo	afcarrera@uvigo.es
María Aranguren Gassis	Universidade de Vigo	aranguren@uvigo.es

General description:

This course aims to cover the essential topics about effective science communication in meetings and conferences. Students will learn the essentials for making clear catching talks and posters.

Contents:

1. SCIENTIFIC STORYTELLING
2. POSTER PRESENTATIONS
 - a. What is a poster?
 - b. Clear and meaningful figures
 - c. Synthetic text: How to tell more with less words
 - d. Lay-out
3. ORAL PRESENTATIONS
 - a. Talk design
 - b. Slides design
 - c. Public speaking tips
 - d. Final summary
4. COMPLEMENTARY INFORMATION

Teaching methodologies:

There will be two in-person 1.5-hour lectures: i) an introductory session at the beginning for describing the structure, and giving the general information of the course to the students; ii) a summary session at the end of the course for giving general comments on the student's assignments. Both lectures will be at the videoconference room, but are not compulsory.

The course is on-line in the DoMar moodle. Theory, discussions, assignments and the evaluation will be done through the on-line platform, so the students can distribute their study time. Practical tasks are compulsory and consist on designing a poster, give a 5-min talk and evaluate other students work for learning how to judge the work of other scientists.

Students will need internet connection for watching lectures and uploading assignments, and a computer with a web cam for the on-line work.

Evaluation system:

Students will be evaluated according to their participation and completion of tasks. For passing the course, students should watch all the lectures (which is equivalent to assisting to the theory classes), submit the compulsory assignments (a poster and a 5-min talk), and review their own assignments and those of two classmates.

Brief CV of the lecturers:

Ana Fernández-Carrera is postdoctoral fellow at the University of Vigo (Spain) since 2014. Dr. Fernández-Carrera has a degree in Marine Sciences, and earned a Ph.D. in Oceanography from the University of Vigo (Spain). Her dissertation was focused on the distribution and control factors of *Trichodesmium* and the microbial community nitrogen fixation rates in the tropical and subtropical Atlantic Ocean. Currently, Dr. Fernández-Carrera is working on the high spatial resolution of nutrient sources to phytoplankton, derived by the C/N stable isotopes in seston, in the central Atlantic during boreal summer. She is an active reviewer of journal papers, student's poster showcases and applications for postdoc fellowships. She has recently collaborated in the 2016 Scientific Summer Camps for middle schoolers, and edited a cryopreservation video protocol for the Marine Research Centre of the University of Vigo.

María Aranguren-Gassis is postdoctoral fellow at the University of Vigo (Spain). She has a degree in Biology and earned a Ph.D. (2012) in Marine Ecology (University of Vigo, Spain). Her thesis work was about microbial plankton community production and respiration, mainly focused on the metabolic balance of the North Atlantic oligotrophic gyre. From the year 2014, she has been a postdoctoral researcher funded by the Xunta de Galicia, first at the Kellogg Biological Station (Michigan State University, USA), and currently at the Biological Oceanographic Group (University of Vigo, Spain). Dr. Aranguren-Gassis current research is focused on phytoplankton adaptation to climate change. During her career, she has participated in 27 oral communications and posters in several international congresses and workshops. She was awarded in 2009 with the ASLO Outstanding student presentation award in Nize (France).