



# Navigating the scientific journey: career and societal impact



**05.Oct 2023**

**Cod. Z29-23**

**Mod.:**

Face-to-face

**Edition**

2023

**Activity type**

Summer course

**Date**

05.Oct 2023

**Location**

Miramar Palace

**Languages**

English

**Academic Validity**

10 hours

**Web**

<https://p4k.dipc.org/en/phd>

**Organising Committee**



## Description

“Navigating the scientific journey: career and societal impact” is a PhD Training session organised by [Euskampus Fundazioa](#) in the framework of the [University of the Basque Country Summer Courses](#), and it is part of the Program of [Passion for Knowledge](#), a science festival organized by the [Donostia International Physics Center](#) (DIPC) every 3 years in Donostia. In this edition, PhD students will share and discuss different opportunities, motivations and difficulties of the scientific career in which they are embarked. Besides they will also collectively reflect on the role of science in society and how this interaction can give rise to a diversity of career paths and different ways of conducting research. PhD students will have the opportunity to meet two of the invited plenary speakers of Passion for Knowledge and share with them questions and conclusions of their discussion. At the same time, the invited speakers will share their insights and experience on those topics and questions in an open conversation format.

The course is open to PhD students of Basque universities and also to PhD students from the University of Bordeaux. The Passion for Knowledge plenary speakers taken part in this activity are Nobel Prize in Chemistry [Jean Marie Lehn](#), and Dame [Jocelyn Bell](#). This activity will be conducted and facilitated by [Silvia Bonoli](#), Ikerbasque Research Associate at DIPC.

## Objectives

Share and discuss opportunities, challenges, and difficulties in pursuing a scientific career

Reflect and discuss the role of science in today's society

## Organised by



# Program

**05-10-2023**

09:45 - 10:00	Registration
10:00 - 10:05	<p>Presentation by the Director of the activity</p> <p><b>Igor Campillo</b> ---   Euskampus - Director <b>Itziar Alkorta Idiakez</b>   Summer Courses of the University of the Basque Country (UPV/EHU) - Academic Director</p>
10:05 - 10:15	<p>“Introduction to the dynamics (Facilitator(s) explains how the Encounter will unfold and introduces the themes for Session 1)”</p> <p><b>Silvia Bonoli</b>   DIPC - Ikerbasque Research Associate <b>Julieta Barrenechea</b>   Euskampus</p>
10:15 - 11:45	<p>“Session 1: Discussion and reflection”</p> <p>PhD students, guided by facilitator(s), will reflect and discuss about the i) scientific career (motivations, challenges and opportunities, difficulties and barriers, career pathways both inside and outside academia, etc.) and the science mission and endeavour in today’s society (curiosity driven approach versus a more-challenge-driven approach, responsibility of science (and scientists), impact of science, role science plays in society, etc.) and they will prepare questions for the P4K speakers that will</p> <p><b>Silvia Bonoli</b>   DIPC - Ikerbasque Research Associate</p>
11:45 - 12:15	Coffee break
12:15 - 13:15	<p>“Session 2: Conversation with Jean-Marie Lehn and Jocelyn Bell”</p> <p>In this session a dialogue with the P4K speakers will be established. To start up, a restitution of the main ideas, insights and conclusions of Session 1 will be presented to the speakers. Then, the questions selected in the previous Session will be asked as a trigger for an open discussion between the PhD attendees and the P4K speakers.</p> <p><b>Silvia Bonoli</b>   DIPC - Ikerbasque Research Associate <b>Jean-Marie Lehn</b>   University of Strasbourg <b>Jocelyn Bell</b>   Oxford University</p>
13:15 - 13:30	<p>“Wrap-up and closing remarks”Closing session</p> <p>Wrap-up and closing remarks</p> <p><b>Ricardo Díez Muiño</b>   DIPC - Director</p>
13:30 - 14:30	Lunch to participants

## Directed by



### **Igor Campillo ---**

Euskampus Fundazioa, Director

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He is director of Euskampus Fundazioa, founded in 2011 by the University of the Basque Country (UPV-EHU), Tecnalia Corporation and the Donostia International Physics Center (DIPC). He worked as assistant professor in the Faculty of Sciences of the UPV/EHU, international projects manager in Gamesa Energy, researcher and project manager at LABEIN- Tecnalia, project and outreach manager in the Nanoscience Cooperative Research Center- nanoGUNE, manager of the nanoBasque Strategy in the Basque Business Development Agency- SPRI, and director of DeustoTech. He holds a PhD in Physics from UPV/EHU, and a master degree in journalism and science communication from the Spanish Open University. He is the author of more than 70 international scientific publications indexed in the Web of knowledge, and author of 3 international patents. He has been awarded as one of the word-leading “Boundary Spanners” for University Business Cooperation by the University Industry Innovation Network.

## Teachers



### **Itziar Alkorta Idiakez**

Uda Ikastaroak / Cursos de Verano, Zuzendari akademikoa / Directora académica

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She holds a PhD in Law and is a lecturer in Civil Law at the UPV/EHU. Her main line of research is bioethics, a subject on which she has published several monographs and scientific and dissemination articles. She has participated in 4 European research projects of the VI and VII European Framework Programme, as well as in multiple research projects of the National Programme. She has been a visiting professor at the Hastings Center for Bioethics in New York, the Center for Bioethics at the University of Philadelphia and the University of Bordeaux. She was Secretary General of Eusko Ikaskuntza, and later of Jakiunde, Academy of Sciences, Arts and Letters. Vice-rector of quality and teaching innovation at the UPV/EHU between 2008 and 2012, and responsible for the development of the educational model, as well as quality programmes, and training and evaluation of university teaching staff. Between 2013 and 2015, she was Deputy Minister of Universities and Research of the Basque Government.



### **Julieta Barrenechea**

Euskampus Fundazioa

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Teaching, Learning and Training Innovation Manager Euskampus Fundazioa. PHD en Filosofía de la Ciencia UPV/EHU. Main lines of research and work experience: Evaluation, management and technical support of interdisciplinary and inter-institutional scientific collaboration networks from a focus on “science for and with society” and “governance in science”. Design of indicators and indices for the evaluation and management of collaborative knowledge networks. Public policies and intervention projects in the areas of social innovation and entrepreneurial culture with emphasis on university-society knowledge networks.



### **Jocelyn Bell**

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After earning a Bachelor's degree in Natural Philosophy (Physics) from the University of Glasgow in 1965, Jocelyn Bell did her postgraduate studies at the University of Cambridge, earning a PhD in 1969. She was a visiting professor at the University of Princeton, in the US, and is currently a guest lecturer in astrophysics at the University of Oxford and a fellow of Mansfield College. She served as President of the British Royal Astronomical Society from 2002 to 2004, as President of the Institute of Physics from 2008 to 2011 and as pro-Chancellor at Trinity College Dublin. She was also President of the Royal Society of Edinburgh from 2015 to 2017. Her many accolades include the Albert A. Michelson Medal of the Franklin Institute of Philadelphia in 1973, the Magellanic Premium of the American Philosophical Society in 2000 and the Royal Medal of the Royal Society in 2015. She has also received many honorary titles and is a Fellow of the Royal Society, as well as another five academic institutions. In 2007, she was made a Dame Commander of the British Empire by Her Majesty Queen Elizabeth II. In 2010, Dame Jocelyn Bell Burnell was awarded the Royal Society Michael Faraday prize for excellence in communicating science.



### **Silvia Bonoli**

DIPC/Ikerbasque

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After studying at the University of Bologna and a master's degree in astrophysics at the University of Toronto, she obtained her doctorate at the Max Planck Institute for Astrophysics in Munich. She then went on postdoctoral stays at the University of Zurich and Stanford University. Silvia arrived in Spain in 2013, first at the Cosmo Physics Study Center in Aragón, and, since 2018, at the DIPC. Her research focuses primarily on the study of supermassive black holes, from their formation to their impact on the galaxies where they live.



### **Ricardo Díez Muño**

DIPC / Centro Física Materiales

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Ricardo Díez Muño holds a PhD degree in physics by the UPV/EHU. He further developed his scientific career in the University of Bordeaux (France) and the LBNL (Berkeley, USA). He is currently Research Scientist at the Centro de Física de Materiales CFM (CSIC-UPV/EHU) and the Director of Donostia International Physics Center (DIPC). He served as Deputy Director of CFM between 2005 and 2011 and as Director of CFM from 2011 to 2015. His main fields of research are chemical physics and condensed matter theory, in particular molecular dynamics at surfaces, the theory of electronic excitations, and the theory of photoemission and photoelectron diffraction. He has published more than 100 scientific articles, as well as two books. Ricardo Díez Muño has been the organizer of 4 international conferences and has been part of the organizing committee in 4 additional conferences. He is Vicepresident of Euskampus Campus of Excellence and Board Member of CIC nanoGUNE.



## **Jean-Marie Lehn**

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Jean-Marie Lehn studied chemistry at the University of Strasbourg, earning his PhD in 1963. He then spent a year in Robert Burns Woodward's laboratory at Harvard University, where he was part of the team working on the total synthesis of vitamin B12. In 1966 he became a lecturer at the University of Strasbourg and set up his own laboratory, where he focused his work on the physical chemistry of organic compounds, putting the experience gained in organic chemistry, quantum theory and physical methods into practice. In 1970 he was appointed Professor of Organic Chemistry at the Louis Pasteur University of Strasbourg and from 1979 to 2010 he was Professor at the Collège de France in Paris. He is presently Professor at the University of Strasbourg Institute for Advanced Study (USIAS). Author of over 1000 scientific publications, Lehn is a member of many academies and scientific institutions and has won many international awards and prizes, including the Humboldt Prize (1983), the Royal Society's Davy Medal (1997) and the ISA Medal for Science (2006). He received the Order of Merit of the Federal Republic of Germany in 2009 and was named Grand Officer of the French Legion of Honour in 2014, among other accolades.

# Registration fees

FACE-TO-FACE	UNTIL 05-10-2023
<a href="#">Free registration</a>	0 EUR



## **Place**

### **Miramar Palace**

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa