

# Science Communication

Events dedicated to integrating science into our society

DIPC creates an open environment for science and society by cultivating an intellectual climate and enthusiasm for knowledge. The Science Communication program at DIPC establishes a fluid and permanent dialogue between science and society, and scientists and citizens. It helps to foster responsible social and scientific progress in a free and tolerant space that shows science is an accessible cultural activity for all – especially the coming generation of new scientists.

## Seminars by Nobel Laureates and Distinguished Scholars

High-profile scientists and scholars are invited to DIPC to give a seminar and share their experiences with young researchers and the general public in an informal setting.

- 29/01/2015 **Introchemistry, cannabis and drug design**  
**Pilar Goya** (Instituto de Química Médica CSIC, Madrid, Spain)
- 30/01/2015 **Landscape without neutrinos**  
**Juan José Gómez Cadenas** (Instituto de Física Corpuscular CSIC-UV, Valencia, Spain)
- 18/03/2015 **La divulgación científica: un cuento inexacto**  
**Ana Montserrat Rosell** (Director of TV program Tres14, RTVE, Spain)
- 06/10/2015 **La labor de la Fundación Española para la Ciencia y la Tecnología: Participación social en la ciencia**  
**José Ignacio Fernández Vera** (General Director of FECYT, Spain)
- 22/10/2015 **Single-atom optical clocks**  
**David J. Wineland** (Nobel Laureate in Physics 2012, NIST, Boulder, Colorado, USA)
- 15/12/2015 **100 años de relatividad general**  
**Alberto Galindo** (Former President of the Royal Spanish Academy of Sciences, Spain)

## Kutxa Lectures

The Kutxa Lectures started in 2010 and are organized in collaboration with Kutxa Obra Social in San Sebastian. Speakers include renowned scientists and Nobel laureates as well as science communicators and humanists working in the frontiers of science. This activity, addressed to citizens interested in science, has become an active part of the cultural life of the city of San Sebastian.

- 29/01/2015 **Paisaje con neutrinos**  
**Juan José Gómez Cadenas** (Instituto de Física Corpuscular CSIC-UV, Valencia, Spain)
- 13/05/2015 **La imperfección de los modelos del clima**  
**Manuel Toharia Cortés** (Scientific Director, The City of Arts and Sciences in Valencia, Spain)
- 24/06/2015 **How discoveries are made and why it matters**  
**John C. Polanyi** (Nobel Laureate in Chemistry 1986, University of Toronto, Canada)  
*This lecture was part of the 15th International Conference on Vibrations at Surfaces (VAS15).*
- 23/10/2015 **Quantum computers and Schrödinger's cat**  
**David J. Wineland** (Nobel Laureate in Physics 2012, NIST, Colorado, USA)  
*Organized within the framework of the 2015 International Year of Light and Light-based Technologies.*



## top@DIPC Encounters. Zientziarekin solasean!

DIPC held the seventh edition of the annual Encounters between Nobel Laureates and leading researchers with high school students. The principal aim of these encounters is to foster students' interest in scientific and technological studies and to kindle a passion for knowledge in their young minds. In these informal encounters, prestigious invited scientists talk about their passion for science and research and answer questions from the students about their experiences throughout their lives and professional careers.

20/10/2015

Bizkaia Aretoa of the UPV/EHU, Bilbao

The guest researchers in this edition were:

**David J. Wineland**

(Nobel Laureate in Physics 2012, NIST, Colorado, USA)

**Rafael Yuste**

(New York City Mayor's Award for Excellence in

Science and Technology 2002,

Columbia University, New York, USA)

More than 350 students and their teachers from 65 schools of Gipuzkoa, Bizkaia and Araba participated at this year's Encounter. As usual, Telefónica, a long-time patron of DIPC, collaborates by giving an award to the most innovative, creative, original, surprising or interesting question.

For more information, visit:  
[www.topadipc.eu](http://www.topadipc.eu)

## Science Week

Once again DIPC, along with the Materials Physics Center and CIC nanoGUNE, participated at Science Week organized by the UPV/EHU. This year the stand and demonstrations were dedicated to nanostructures of different materials leading to amazing properties in the macroscale; the scale observable by the naked eye.

The joint program also included a comic and science workshop to create a short graphic story about a super-nano-hero with nanopowers.

05-07/11/2015

Museo San Telmo, Donostia/San Sebastián

## Mestizajes

Besides traditional forms of knowledge, DIPC explores alternative spaces lying at the boundaries of different disciplines. Mestizajes is a trans-disciplinary program that bridges the gap between artistic, social and scientific branches of the humanities. Through a series of workshops, lectures, visits and collaborations, Mestizajes encourages people to take a critical look at reality from an innovative cutting-edge perspective. Projects such as, *Writer in Residence*, the play *The Interview*, and the biannual *International Meeting on Literature and Science* are carried out within this program.

24/04/2015

Museo San Telmo, Donostia/San Sebastián

**Charla dedicada a las mujeres científicas**

**Marta Macho Stadler** (UPV/EHU, Spain)

Part of a *Inspiraciencia*; literary contest with scientific inspiration.

18/03/2015

DIPC, Donostia/San Sebastián

**La divulgación científica.**

**Un cuento inexacto**

**Ana Montserrat Rosell**

(Director, Tres14, RTVE, Spain)

For more information, visit:  
<http://dipc.ehu.eus/mestizajes>

## On zientzia

On zientzia is a video contest organized yearly since 2010 by DIPC and Elhuyar Foundation, within the framework of the TV program *Teknopolis*. The aim is to promote the production and dissemination of short, original videos on science and technology subjects.

02/06/2015

The award ceremony took place at the headquarters of Donostia/San Sebastián 2016 European Capital of Culture.

Young Prize **Oroimena**

**Mattin Zeberio** (Student, 16 years old)

Best Video in Basque **Ideiak ukitzen**

**David Muñoz** (Teacher)

Best Video **La fuente de la juventud**

**Abigail Rodríguez** (Journalist, Canary Islands)

Special Mention **AXON pills**

**Rosario Giménez** (Chile)

In this fifth edition of On zientzia, 39 videos have participated, among them 16 within the Young Prize category, and 17 videos in Euskera.

For more information visit:  
[www.onzientzia.tv](http://www.onzientzia.tv)



## High School Visits

During the 2015/2016 academic year, DIPC together with the Material Physics Center, continue the program of visits for groups of high school students. Both centers open their doors so these young students can meet researchers and view their work close up. This makes nanoscience and research real to them. Those who are considering a career in science are provided with guidance and encouragement. This year DIPC hosted a total of 381 students from 12 schools.

## Activities in Bizkaia

DIPC is a Basque center, and it has a clear vocation to program outreach activities not only in Donostia/San Sebastián, but also in other cities across the Basque Country. This year we focused on Bilbao with two relevant public lectures:

20/10/2015

Bizkaia Aretoa of the UPV/EHU, Bilbao

**El proyecto BRAIN y sus implicaciones para la ciencia, medicina y sociedad**

**Rafael Yuste**

(New York City Mayor's Award for Excellence in Science and Technology 2002, Columbia University, New York, USA)

10/03/2015

Guggenheim Museum, Bilbao

**From Matter to Life: Chemistry? Chemistry!**

**Jean-Marie Lehn**

(Nobel Laureate in Chemistry 1987, ISIS, Université de Strasbourg, France)

Organized with the collaboration of Telefónica.