

G9MISSIONS

GREEN WEEK

PRE EVENT TO

EUROPEAN RESEARCHERS' NIGHT

Website: <https://nocheinvestigag9.es>

#GreenWeekG9 #G9Missions #NIGHTSpain
#EuropeanResearchersNight

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GREEN WEEK

#G9Missions

The institutions that integrate **Group G9 of Universities (G9)** come together for the third consecutive year in consortium to join and celebrate the European Researchers' Night.

Under the name **G9Missions, Go for the Missions!**, researchers from these universities will show the more human side of science with a diverse programme focused specially on disseminating the 5 missions of the European Union and the research projects related to them.

The five research and innovation missions of the EU focus on: cancer, adaptation to climate change, climate-neutral and smart cities and soil health. All of them will contribute to the goals of European Green Deal, Europe's Beating Cancer Plan and Sustainable Development Goals (SDG).

The Green Week will take place around **the World Environment Day on June 5th 2022** with the goal to disseminate the missions focused on adaptation to climate change and the climate-neutral and smart cities.

This project is funded by the European Union in Horizon Europe under the agreement number 101061455.

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

University
of Cantabria



From 3rd to 28th
June 2022

More info and contact:

Scientific Culture and Innovation Unit of
University of Cantabria

culturacientifica_uc@unican.es -
<https://web.unican.es/unidades/cultura-cientifica>



@UCDivulga



@UCDivulga

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PROGRAMME - CANTABRIA

03/06



How do you want your future city?

10:00-14:00h

Students from 5th grade primary school from CEIP Manuel Llano in Santander

Making Santander more sustainable will be in our hands with this workshop. We will learn about climate change, how we do research in Cantabria, the impact in our health or how we can adapt our transport mean to reach sustainable mobility. All of these questions, explained by experts, will be reflected in a model of the city designed by the own students after getting energy with a good science breakfast.

Speakers: Javier Díez Sierra, Meteorology Group, Institute of Physics of Cantabria (IFCA, UC-CSIC), Cecilia Ribalaygua Batalla and Pablo Fernández Arróyabe Hernández, Department of Geography, Urbanism and Spatial Planning, Borja Alons Oreña and Francisco García Sánchez, Department of Transport, Projects and Processes Technology. University of Cantabria

Place: Paraninfo at University of Cantabria

World Bicycle Day

Campaing 'To the university by bike'

If you belong to the university community (proffessors, students, researchers or thecnical staff) start prepraing your bike because this Friday 3rd June, we will wait for you to celebrate the World Bicycle Day!

06/06

The climate under a glass. Discover the future of the Artic, Tibet or the Nillo basin

17:30h-19:00h

General public (children + 10 years old with an adult): 25 people

Take your hat and your adventure boots because we are going to explore the world. Torrencial rains in the Nillo basin, polar bears fleeing from the Artic or extreme temperatures in the high mountains of Tibet. Do we find out together if this will

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happen? The Interactive Atlas will allow us to research all of this and much more with some of their creators!

Speakers: Meteorology Group, Institute of Physics of Cantabria (IFCA, UC-CSIC) and Department of Applied Mathematics and Computer Science, University of Cantabria

Place: Paraninfo at University of Cantabria

[Registrations here](#)

08/06

Let's fight against the climate change with the CO2 as an ally!

17:00h-18:30h

Children + 14 years old

We will invite to live this immersive experience in a real laboratory, in which you could feel like real researchers. We will do easy experiments to show how carbon dioxide can be transformed into useful products for the society, giving a further step in the fight against climate change.

Researchers: Kevin Fernández Caso and Andrea de la Torre Celeizabal, Development of Chemical Processes Group and Contaminants control (DEPRO), Department of Chemical and Biomolecular Engineering.

Place: School of Industrial Engineering and Telecommunications

[Registrations here](#)

On the hunt for water pollutants!

18:00h-19:30h

Children + 14 years old

Did you know that water is full of bacteria, drugs, plastics and other contaminants? But don't worry because... we have prepared many games and demos to show you how to get rid of this problem! And we give you a hint, we will do it with the help of nanotechnology, working with very very small materials that are capable of capturing the contaminants present in the water. We will wait for you!

Researchers: Belén García Merino and Lucía Calvo Gutiérrez. Group of Advanced Separation Processes (PAS). Department of Chemical and Biomolecular Engineering

Place: School of Industrial Engineering and Telecommunications

[Registrations here](#)

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16/06

Escape from the climate change!

Participate in a virtual scape room created by students and learn how they did it

11:30 h

6th grade primary students and 1st and 2nd grade secondary students

Help us to defy the global challenge of climate change through this game in a format with genially. Playing, you can get to know and help to solve the problems related to this phenomena in cities and villages in our country.

During this year, students from different Spanish schools have collaborated with University of Cantabria and the Climate Research Foundation in the creation of a virtual scape room, in science dissemination project funded by FECYT.

Do you want to help your city to SCAPE FROM THE CLIMATE CHANGE?

Researchers: Cecilia Ribalaygua Batalla and Francisco García Sánchez, Department of Geography, Urbanism and Spatial Planning and Department of Transport, Projects and Processes Technology. University of Cantabria

Online: maximum 6 classrooms of any courses mentioned above (all people must count with a computer to follow the game). In order of registration.

[Registrations here](#)

Creation of educative scape rooms

16:30h-18:00h

*Professors of primary and secondary schools from all the G9 provinces
(Certification will be given)*

We offer you the tools to create an escape game in digital format that will allow you to work and transmit to your students the most important concepts associated with climate change in an attractive and fun way.

The project, called 'Escape from Climate Change!' has the support of the FECYT and has been developed with the participation of educational centers from Cantabria, Castilla y León and the Canary Islands.

Researchers: Cecilia Ribalaygua Batalla and Francisco García Sánchez, Department of Geography, Urbanism and Spatial Planning and Department of Transport, Projects and Processes Technology. University of Cantabria

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In the session, the professors responsible of these schools in Castilla y León, Cantabria and Gran Canaria will also participate.

Online via Teams

[Registrations here](#)

28/06

Geography for a sustainable world

17:00h-19:00h

General public (children + 12 years old with an adult)

Do you know what limitations and opportunities have to live in a certain place of the planet or another? And to be born with a certain gender? Do you know what it means to have access to quality education or to have or not economical resources? Play with us to the DSDG game and find it out! The Sustainable Development Goals were set in 2015 by United Nations with the global goal of eradicate poverty, protect the planet and secure the prosperity of humanity. Will we reach it?

Organizers: Virginia Carracedo Martín, Cecilia Ribalaygua Batalla, Juan Carlos García Codron, Domingo Rasilla Álvarez, Department of Geography, Urbanism and Spatial Planning. University of Cantabria

Place: Paraninf ot University of Cantabria (Sevilla Street, Santander)

25 people

[Registrations here](#)

Mailboxes for the climate

Look for the mailbox in each activity and send your proposals to reach a sustainable world among all of us.

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GREENWEEK

PRE EVENT TO

**EUROPEAN
RESEARCHERS'
NIGHT**

**University
of Oviedo**





Universidad de Oviedo

From 3rd to 8th
June 2022
LIFE IN 2075

*Metal mothers, with motor and usb?
Capsule homes in Naranjo de Bulnes?
the campanu in october?,
lab stew? A world without insects?*

More information and contact
Research Vice-Rector
UCC+I UniOvi.

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 @UODivulga |  uodivulga

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Universidad de
Castilla-La Mancha



Universidad de León



Universitat
de les Illes Balears



Universidad de Oviedo



Universidad del País Vasco
Euskal Herriko
Unibertsitatea



upna
Universidad Pública de Navarra
Nafarroako Unibertsitate Publikoa



Universidad
Zaragoza

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PROGRAMME - OVIEDO



SCIENTIFIC BREAKFAST

03/06

Where will we charge our batteries? Will we be active people in 2075 or will the machines exercise for us? Will diseases be eradicated in the future? Will the screens become foldable?

Coordinate: Covadonga Huidobro and José Manuel Montejo. University of Oviedo.

¿What it is?

50-minute session in which students of 6th grade (up to a maximum of 25, and accompanied by at least two teachers), will debate together with teachers of the University if the life of the school children of the future (in 2075, when they are about 65 years old) will be very different from yours and how there will be influenced by the development of science. And all this, while enjoying a healthy breakfast.

Registration

Teachers will sign up in the mail ucc@uniovi.es

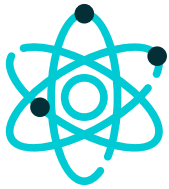
- The educational center will send a mural, presentation, video, etc. about how they see "Asturias in 2075" before May 23rd.
- The University of Oviedo will choose the most creative and original contribution from among the participating centers and the students of that educational center will be invited to the scientific breakfast, where they will present and explain their proposal.
- The rest of the participating educational centers will be able to present their presentation at the Science Fair, in front of students from other centers and various researchers from the University of Oviedo.

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SCIENTIFIC FAIR

Imagine the future in 2075

4th, 5th and 6th grade primary students

BOOTH 1

Scientific guide to survive in the jungle

Date of expiration: 31/12//2075

Coordinate: Marta Sánchez Suárez-Otero and Andrea Menéndez Manjón (University of Oviedo)

BOOTH 3

Vegetable invasion

We won't let yo uplanted

Coordinate: Candela Cuesta Moliner, Eduardo Cires Rodríguez and Claudia González Toral (University of Oviedo)

BOOTH 5

Collecting biodiversity

Stories of moths, beetles, eels and other species

Coordinate: Marta Sánchez Suárez-Otero and Andrea Menéndez Manjón (University of Oviedo)

BOOTH 7

The cell, what a sheet!

Why do plants grow, will they do it in 2075?

Coordinate: Paula Siñeriz Casado (University of Oviedo)

BOOTH 2

Get the colors out of the plants!

Green i love you green

Coordinate: Luis Valledor Gonzalez (University of Oviedo)

Participants: María Carbó Muñoz, Mónica Escandón Martínez, Lara García Campa, Sara Guerrero Recio and Jesús Pascual Vázquez (University of Oviedo)

BOOTH 4

Games of the river

Life Fluvial... because the current takes me

Coordinate: Antonio Torralba Burrial (University of Oviedo)

BOOTH 6

How much do you know of bears?

The mystery bug

Coordinate: Enrique González Bernardo (University of Oviedo)

BOOTH 8

DRAWING CONTEST

How will be our planet in 2075?

Express yourself!

BOOTH 9

Bike doctor

$CO_2 = 0$

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PROGRAMME - GIJÓN

VII CONFERENCE OF SCIENTIFIC DISSEMINATION

«*Crisis and energy transition*»

Place: Culture Center Ancient Institute (CCAI). Jovellanos Street, 21. Gijón

Free and open access until full capacity

06/06 — 19:00 h

- ***The future of the energy: decisive years***
Antonio Turiel. CSIC - Institute of Science of Sea
- ***Transition energy in Asturias: ¿opportunity or threat?***
Carlos García Sánchez. Foundation Asturian of the Energy (FAEN)

07/06 — 19:00 h

- ***Socioeconomic impact of the energetic crisis***
Jaime Menéndez Sánchez. Orkestra - Institute Basque of Competitiveness

08/06 — 19:00 h

- ***The battle against the climate emergency: contributions from the energy sector***
Mercedes Ballesteros. Center for Energy, Environmental and Technological Research (CIEMAT)
- ***High energy efficiency buildings: characteristics, equipment and economic, environmental and health benefits***
Inés Suárez Ramón. University of Oviedo.

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PROGRAMME - OVIEDO & GIJÓN

MAILBOXES FOR THE CLIMATE

They have been located in the city of Gijón so that citizens can send us their proposals for a sustainable planet.
Search yours and send us your proposal!

URBAN EXPOSITION

“The biodiversity crisis in data”

Prepared by Germán Orizaola Pereda and Alfredo Fernández-Ojanguren García-Comas, researchers at the University of Oviedo

3 DE JUNIO WORLD BICYCLE DAY

CAMPAIGN TO THE UNIVERSITY BY BIKE"

If you belong to the group of students, professors or administration and services staff, this Friday, June 3rd, join the campaign of World Bike Day, and get around by bike!

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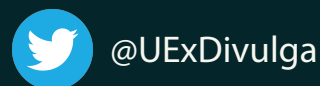
University of
Extremadura



3rd and 10th
June 2022

More information and contact:
Scientific Culture Dissemination Service
Research Vice-Rector
and Transfer of the UEx

Phone: 924 289 649
culturacientifica@unex.es –
<https://nocheinvestigadoresuex.es/>



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PROGRAMME - EXTREMADURA



SCIENTIFIC AND TECHNOLOGICAL BREAKFAST

03/06

Innovative solutions to adapt us to the climate change. How can cities and communities lead the social transformation ?

09:30h - 11:00 h

School of Industrial Engineering of the UEx

Scientific and technological breakfast with students from secondary school

Can we change the way we consume energy? How can we work towards a more eficiente and ecological engery system?

Participate:

- **Enrique Romero.** Research towards new smart and green energy systems. Objectives of the European project SMART Green energy Systems and bUusiness MOdels (SMARTGY sum).
- **Silvia Román.** Waste of biomass, a problem or a chance?
Can we facilitate their management while obtaining value from them?
- **Manuel Calderón.** Green hydrogen and sustainability. what is green hydrogen? How is it obtained and how can it contribute to a more sustainable energetic future?

11:00h: Reading by the Rector of the UEx of the manifest of the G9Missions consortium and photo with the participating students

11:30 – 12:30h:

Visit to FabLab Badajoz. Collaborative digital fabrication workshop and space for the production of physical objects on a personal or local scale that brings together machines controlled by computers. The machines and projects carried out for the monitoring of gases responsible for climate change will be explained.

Visita to Unex Motor Sport. A group of mechanical engineering students who have decided to build and compete in the world of student cars.

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09:30h - 11:00 h

Polytechnic School of the UEx

Scientific and technological breakfast with students from secondary school

How can we be more sustainable with small gestures thanks to the use of technology? What is the sustainable mobility?

Participate:

- **Beatriz Montalbán and Francisco Serrano.** Research in cyber-physical systems to improve energy efficiency in buildings and communities. Objectives of the INNOINVEST European Project: PROMOTION INVESTMENT BUSINESS IN INNOVATION OF ENERGY PRODUCTS FOR BUILDINGS
- **Antonio Gordillo and José Luis Fernández-Pacheco.** Awareness of Sustainable Community Development linked to the Social and Circular Economy. Objectives of Project Erasmus+: LISTEN: TRANSNATIONAL UNIVERSITY COMMUNITY SOCIAL ENTREPRENEURSHIP-AZORES
- **Santiago Fernández.** Research in Civil Engineering and in Engineering of Roads, Canals and Bridges in terms of environmental impact focused on green infrastructure and allergenic air quality using 3D BIM methodology". Objectives of the IB20081 project: STRATEGIES OF MEDIA TRANSLATION FOR INFORMATION PUBLIC ON AIR QUALITY IN EXTREMADURA
- **Sergio Barroso and Beatriz García (Gamma Solutions-UEx).** Research in sustainable mobility and connected autonomous vehicles. Objectives of the 'PILOT' Project 5G, led by Gamma Solutions, one of the 8 5G pilot projects promoted by the Ministry of Economic Affairs and Digital Transformation through Red.es and co-financed by the FEDER Funds.

11:30 – 12:30h:

Visit to RoboLab. autonomous robots and connected vehicles. Twin Digital Models for monitoring spaces and making sustainable decisions.

Visit to Smart Open Lab. Visit to the FabLab of the EPCC. Presentation of the projects, in which they participate.

Visit to air sampling at height

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

Public University
of Navarra

From 3rd to 24th
June 2022

upna

Universidad Pública de Navarra
Nafarroako Unibertsitate Publikoa

More info and contact:

Scientific Culture Unit UPNA
University Extension and Social Res-
ponsibility Section

Phone: 948 16 84 08

ucc@unavarra.es –

www.unavarra.es/unidadculturacientifica



@cultUPNA



@cultupna

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PROGRAMME - NAVARRA

03/06

ARROSADIA CAMPUS, PAMPLONA

CONCENTRATION

10:00h

Applause for the climate care

Place: Space between the lecture hall and Library (Pamplona)

"For the missions! Come and put on your T-shirt.

SCIENTIFIC BREAKFAST



10.30h

Taste and learn about the latest in innovation in Navarran products, the importance of food for sustainability. . AN Group Chair of the Public University of Navarra.

Jocelyn BellBurnell Radiotelescope

Come to see the largest radio telescope installed in a Spanish university. Learn about the construction and starting process and how this facility works and its importance for scientific research.

Guided visit project STARDUST of energy efficiency

12.00h

Do you know that at UPNA we produce solar energy and apply it to our urban transport?

Pablo Sanchís Gúrpide, director of the Chair of Renewables Energies at UPNA

TUDELA CAMPUS, TUDELA

CONCENTRATION

10:00h

Applause for the climate care

Place: Main door of Tudela Campus (Tudela)

"For the missions! Come and put on your T-shirt.

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And next:

GGEOWALK: ROYAL BARDENS

This unique environment is the most recent in the geological history of Navarra. Its geomorphological study will allow us to understand its origin and the main agents and processes that act in its modeling.

Fran Sanz Morales, geologist and professor at the Department of Sciences of UPNA

Meeting point: main gate of the UPNA campus in Tudela.

More info: ucc@unavarra.es

06/06

ARROSADIA CAMPUS , PAMPLONA

Talks and workshops for schools

From 10:00 h to 13:00 h

Cultivating sustainable biotechnologies. Association of Biotechnologists of Navarra (Nav Biotech)

Upnalab Workshop: Virtual Reality and Laser Cutter. Upnalab Group, Languages and Computer Systems area and of the Department of Statistics, Computer Science and Mathematics

Secondary students

TUDELA CAMPUS , TUDELA

THEATER

11:30 h

'I want to be a scientist'

Place: Hall room of Tudela Campus

Primary school students

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08/06

WORLD OCEAN DAY

CAMPUS DE ARROSADIA, PAMPLONA

Talks and workshops for schools

De 10:00 h a 13:00 h

Biotechnologyjasangarriak lantzen. Nafarroako Bioteknologoen Elkarte (NavBiotec) Bueltako bidaya. hondakinatik lehen gaia izatera tokiko konpostajearen bidez. Inazio Irigoien Iriarte, director of the NILSA Chair.

Secondary school students

10/06

ARROSADIA CAMPUS, PAMPLONA

De 10:00h a 13:00h

Awards ceremony of contest 'I want to be a scientist'

Workshops for primary schools

- Workshop "Be smart with IT!"
- Workshop " Make Your Way With The Mechanics!"
- Workshop "Engineering with energy!"

Organize: *Chair of Women, Science and Technology*

Primary school students

De 10:00h a 13:00h

Cultivating biotechnologies sustainable. Association of Biotechnologists of Navarre (Nav Biotech)

Create your own photovoltaic charger for your smartphone. Association for the Promotion of Renewable Energies in Navarra (APERNA, UPNA)

Place: schools of Navarra. Face-to-face

Secondary school students

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From 20/06 to 24/06

PAMPLONA & ARROSADIA CAMPUS, UPNA

Green Campus UPNA

De 9:30h a 14:00h

GREEN CAMPUS UPNA

Pamplona under their foundations. Do you dare to be the protagonist of this story?

Scientific campus for students of 1st of Baccalaureate

In this campus you will learn the secrets of geology in a practical, entertaining and real way. During a few days, you can approach to research and Science dissemination through the 5 geological treasures that Pamplona and its Cuenca offer us.

Organize: Scientific Culture Unit and Higher Technical School of Agronomic Engineering and Biosciences

ucc@unavarra.es

And moreover:

Do you want to know what a Smart city is?

Francisco J. Falcone Lanas and Miguel Beruete Diaz, director and researcher, respectively, of the Smart Cities Institute (ISC) of the UPNA will tell us in 10 minutes

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

University of
les Illes Balears



Universitat
de les Illes Balears

From May 30th to June
10th
2022

More info and contact:

Unit of Scientific Culture and Innovation
of UIB

Phone: 971 17 25 51
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<https://culturacientifica.uib.es/UCCI/>



@UIBuniversitat



@uibuniversitat

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PROGRAMME - ISLAS BALEARES

FIRST CONTACT WITH SCIENCE

30/05

Physics and chemistry experiments against climate change for children in their last years of primary school.

Place: Campus of the UIB. Visit of the CEIP ArePizza

INSTITUTIONAL ACT OF THE GREEN WEEK

03/06

10:00h

Biodiversity safari, Green Week presentation and manifest reading.

Place: UIB Campus

WE MOVE FOR HEALTH AND SUSTAINABILITY

02/06 & 09/06

09:45 h

Gymkhana to promote critical analysis and provide strategies to improve health and support. We will set different activities about healthy and sustainable eating, emotional health, addictions prevention, sustainability and responsible consumption. We will organize a gymkhana in small groups to encourage the participation of all students. At the UIB campus.

02/06. 9:45 h. Santa Maria secondary school visit

09/06. 9:45 h. Joan Alcover PORTUIB secondary school visit

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BIODIVERSITY SAFARI

03/06 - 04/06 & 05/06

10:00h

The biodiversity safari is a citizen science experience to learn about the biodiversity that lives on the UIB campus. We collaborate with the UIB scientific community to document plant and animal species that inhabit in it through the mobile application of the Biodibal project, the most important digital platform on the biodiversity of the Balearic Islands.

03/06. UIB Campus. Biology degree students.

04/06. Capdepera. Open to the public. Two groups of 20 people.

05/06. Calvià. Open to the public. Two groups of 20 people.

In collaboration with Biodibal-Red Electrical, Calvià and Capdepera city halls.

From 30/05 to 10/06

THE OCEANIC POSIDONIA VIRTUAL EXPOSITION

Exposition virtual of IMEDEA dedicated a the posidonia oceanic. Adaptation of:

https://peopleartfactory.com/g/posidonia_oceanica

EXPOSITION WE RESEARCH TO MOVE ALONG

Scientific research provides innovative solutions to real problems. A sample of this evidence are the research projects of the UIB that have obtained European Union funding, and that we presenting this exhibition.

Here you will find projects focused on the great challenges society is facing: health, climate change, population aging, sustainable food, the transition to a respectful energy model and the development of robotic systems and new forms of artificial intelligence.

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

University of
Castilla-La Mancha



Universidad de
Castilla-La Mancha

3rd June
2022

More info and contact:

Scientific Culture and Innovation Unit of
the University of Castilla-La Mancha

Phone: 967599200 Ext. 96217

uclmdivulga@uclm.es -

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@uclmdivulga

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PROGRAMME - CASTILLA-LA MANCHA

MANIFEST READING

10:00h

Given by the Vice Chancellor Politics Scientist, D. Antonio Mas.

TALK: 'HEALTHY EATING FOR A SUSTAINABLE WORLD'

10:15h

Given by the professor of the Faculty of Pharmacy of Albacete Lucía Isabel Castro Vázquez.



SCIENTIFICALLY HEALTHY BREAKFAST

10:30 h

"Have breakfast with science!"

Albacete campus students and high school students invited.

Place: Vicerrectorado Cafeteria , Albacete campus

THE NIGHT ARRIVES

11:30 h

Researchers will explain how their work is related to the missions of the European Union.

- Smart Cities (Higher School of Computer Engineering of Albacete)
- Renewable Energies (Research Institute on Renewable Energies)
- Natural Resources (Regional Center for Water Studies, CREA)
- Biodiversity (Research Institute of the Botanical Garden of Castilla-La
- Stain)
- Technology (Computer Research Institute of Albacete, I3A)
- Development and sustainability (Institute developmental Regional, IDR)

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

University of
País Vasco

From June the 3rd to the
11th
2022

More info and contact:

Directorate for social dissemination of research
at the University of the Basque Country

zientzia-astea@ehu.eus -
<https://www.ikertzaileengaua-ehu.org/>



Universidad del País Vasco Euskal Herriko Unibertsitatea



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Universitat de les Illes Balears



Universidad Zaragoza

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PROGRAMME - PAÍS VASCO

A week to bring citizens closer to the scientific advances in the País Vasco on the environment and the oceans, commemorating June the 5th, International Environment Day, and June the 8th, International Oceans Day.

A week for dissemination and environmental awareness that produces an influence on our daily habits so that, in an individual and collective way. Let's reconsider about our responsibility to conserve and improve the environment and the oceans, on whose health the well-being of peoples and the economic development of our civilization depend.

Activities will be set in three locations:

LEIOA CAMPUS

03/06

WELCOME AND MANIFEST READING

10:00-10:15h

Given by the Scientific-Social Development and Transfer Vice-Rector, the Research Vice-Rector and the Bizkaia Campus Vice Chancellor.
Official photograph with researchers and students.

DELIVERY OF THE AWARDS

10:15h

Delivery of the internal phase of the Hilotesis contest winner's award and inauguration of the exposition Zientzia kalean / Science on the street.

VISITGUIDED TO THE EXPOSURE

10:15-11:15h

Visit to the exhibition guided by some of the researchers who have participated in establishing the scientific content of the infographics.

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SCIENTIFICALLY BREAKFAST

11:15-11:45 h



WORKSHOP AND SCAPERROOM

11:40-13:40 h

"The invisible contamination" workshop and Scape-room: "The key is in microplastics" for the 40 students from 2 of ESO who will accompany us during the day.

SAN FRANCISCO NEIBOURGHOOD, BILBAO

03/06

INFORMATIVE TALKS 'SCIENCE AND SOCIETY'

18:00 h

Four researchers will present a topic from their respective fields of study and they will show us their impact on our society, encouraging a debate with the public.

Place: Nika Ateneo (EskolaZumarkalea, 1)

Approximate duration: 2 hours

Free

"Climate change impacts and its response". Elisa Sainz de Muruaga

The impacts of climate change are becoming more and more obvious. In the future, the magnitude of the changes will depend on the reduction of emissions that we carry out globally, but even with ambitious reductions some effects will continue in the future, so it will be necessary to carry out actions to adapt to these impacts. In this talk we will review which are the most relevant impacts and what measures can be implemented to minimize them.

"With our feet on the ground. We are closer to running out of food than living on Mars."

Jorge Hernández

When a child grows up and comes and his dream of being an astrophysicist comes true, he decides to listen to his elders and put his feet on the ground, to discover that our civilization doesn't.

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"The crisis ecological and the century of the great test". Nerea Zuluaga

Will we be able as society to adapt to the change of civilization?"-

All scientific reports indicate that we have crossed many red lines. We have forced the limits of the Earth in such ways that we are leaving the planet practically without the capacity to regenerate itself. The situation is serious and we must be careful with extremist positions: the "alarm situation" created situation cannot serve as an excuse to deny the small collapses that we will experience. However, we cannot fall into defeatism or guilt either. The question is: how should we behave both individually and collectively to deal with this ecological crisis efficiently and quickly?

"And you, what do you eat in this ecological and social crisis era?". Goiuri Alberdi

The ecological crisis needs us to take action. It is urgent that we move towards a sustainable and resilient paradigm. From the food system, agroecology is postulated as the most appropriate way to face the eco-social food crisis. On June the 3rd we will analyze the food systems that positively and negatively affect this crisis and how we can shape agroecological systems locally.

03/06

GEOLOGICAL WALK

12:00 h

We will walk with a group of expert geologists around San Francisco and Bilbao la Vieja areas to learn about the geological context of the Bilbao's estuary and the historical center of the town as well as the industrial and mining activity impact in these environments.

Place: Plaza Corazón de María

Approximate duration: 2 hours

Free

Capacity: limited to 30 people. Reservations by email to logoselkartea@gmail.com

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ECOLOGICAL FOOTPRINT WORKSHOP

18:00 h

In this workshop an expert will explain the environmental impact of our daily activities, showing how to quantify and how to mitigate our carbon footprint.

Place: Bilborock (Merced dock,1)

Approximate duration: 2 hours

Free

Capacity: limited to 20 people.

ITSASMUSEUM, BILBAO

05/06

PHOTOGRAPHIC EXPOSITION

On June the 5th, **OCEANS, A THREATENED DIVERSITY** exhibition space will be inaugurated. An outdoor photographic exhibition that brings us closer to a culture responsible to the environment through the oceans where many species are threatened. A journey through marine biodiversity with impressive large-format images taken by the best photographers in the world, that show us some of the most sensitive and fragile marine environments.

08/06 & 09/06

PONENCIAS SOBRE LOS “LÍMITES PLANETARIOS”

1ª SESIÓN. Cambio climático. Integridad de la biosfera. Acidificación de los océanos.

08 de junio

9:00 h - 13:00 h

- Asier Hilario, **GEOPARKEA**
- Ibone Ametzaga, **CÁTEDRA UNESCO**
- Ángel Borja, **AZTI**
- Manu Soto, **PIE-UPV/EHU**
- Guillem Chust, **AZTI**

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2ª SESIÓN. Uso de agua dulce. Cambios en el uso del suelo. Flujos biogeoquímicos.

8 de junio

15:00 h - 20:00 h

- Victor Peñas, **URA**
- Ana Alzola, **IHOBE**
- Carlos Garbisu, **NEIKER**
- Amaia Salaverria, **INGENIERÍA SALABERRIA**
- Xabier Lejarzegi, **EKOLURRA**
- Iñaki Antigüedad y Ana Zabaleta, **UPV/EHU**

3ª SESIÓN. Reducción del ozono estratosférico. Carga de aerosoles. Incorporación de nuevas entidades. Acción social para la sostenibilidad.

9 de junio

09:00 h - 13:00 h

- Jon Sáenz, **PIE-UPV/EHU**
- Izaskun Suberbiola, **MATER**
- Idoia Muñoz, **GAIA**
- Belen González, **PIE-UPV/EHU**
- Jon Hidalgo, **LURGAIA**
- María Ballesteros, **SURFRIDER**

Del 9 al 11 de junio

CERTAMEN DE CINE SUBMARINO DE SAN SEBASTIÁN / DONOSTIAKO URPEKO ZINE LEHIAKETA. CIMASUB 2022

El certamen de cine submarino de San Sebastián siempre ha sido un espacio donde poder exponer el trabajo realizado por las cámaras submarinas internacionales a lo largo del año. La labor realizada en este certamen es muy valiosa ya que aporta y premia no sólo la realización audiovisual sino la información biológica y la sensibilización sobre el estado de nuestros mares. Cada esfuerzo realizado en este sentido ayuda a cambiar la conciencia humana y nos traslada a ser conscientes del daño irreparable que hacemos sobre los ecosistemas. Esta ventana submarina se encarga de decirle al mundo que ya basta de mirar hacia otro lado y promueve pasar a la acción para que hagamos que el mar sea lo que ha sido siempre, fuente de vida y riqueza para el ser humano y para que también lo sea para las generaciones venideras.

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GREENWEEK

PRE EVENT TO

EUROPEAN
RESEARCHERS'
NIGHT

University
of Zaragoza



Universidad
Zaragoza

From 3rd to 10th
June 2022

More info and contact:

Zaragoza University's
Scientific Culture and Innovation Unit
(UCC+I for its acronym in Spanish)

ucc@unizar.es - 876 554768 / 660 010 349
<https://ucc.unizar.es/noche-investigadores/2022>



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PROGRAMME ZARAGOZA

03/06

San Francisco-Mercado Agroalimentario Campus

MANIFEST READING

10:00 h

Reading of the G9MISSIONS consortium manifesto and Caring for climate applause given by the Vice-Rector for Students and Employment at the University of Zaragoza Angela Alcalá, together with the participating students.

Place: In front of the Law Faculty.

CIRCUIT

10:15 h - 13:00 h

1100 primary school children (ages 10-11)

They will rotate in small groups for the following activities:

BICLES GYMKHANA

Sports Activities Service

SCIENTIFICALLY HEALTHY BREAKFAST



“Is it repair better than throwing away and buy a new one?”. Ana Grilló, professor at the Economy and Business faculty and Circular Economy researcher at IEDIS-Unizar.

“Eat well, eat deliciously”. Recommendations and simple recipes for a healthy and sustainable diet. Natalia Jiménez-Legarre, Maria L. Miguel-Berges, Gloria Pérez-Gimeno, Andrea Jimeno-Martinez, Pilar De Miguel-Etayo, Diego and Natalia.- Dietitians-Nutritionists. GENUD Group (IA2, CiberOBN, IIS-Aragón) and internship students.

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THE SCIENCE CORNER. EXPERIMENTS WITH US!

Own and mixed Unizar University Research Institutes

- Research in energy to take care of the planet (INMA)
- "Frauds food" Workshop (IA2)
- A walk through a Planetarium and a Mathematics Museum. (IUMA)
- Do you know the hidden secrets of the cows? (IUCA)
- Understanding the stones, understanding the past (HPI)
- Where do these foods come from? (IA2)
- The agri-food corner show (IA2)

SUSTAINABILITY WORKSHOPS

"Zero emission coffee" with a solar cooker and gymkhana on the ODS (Unizar Green Office for its acronym in Spanish).

GYMKHANA ON COSMIC RAY, RADIATION AND PARTICLES

(LAYER)

GUIDED VISIT

To the stalls of the Agrifood Market.

08/06

'DISCOVERING THE EBRO RIVER AS A TRUE GEOLOGIST

09:30 h-11:00 h

50 primary school children (ages 10-11)

Speaker: Jesús Guerrero, geologist at the University Institute of Environmental Sciences (IUCA) Professor of the Unizar Earth Sciences Department.

Objective: To work in an informative way about the content related to the formation of the Ebro river, its sediments and the quality of its water.

Meeting point: Expo steps by the Ebro river (Zaragoza)

Work point: The group will advance to the Pavilion bridge, with a river beach with the water level up to the ankle. We will analyze the waters of the Ebro will be analyzed

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and search for aquatic insects.inofensivos y se buscarán insectos acuáticos.

Materials needed: Cap, sunscreen, water, flip-flops and an (empty) plastic bottle to fill and empty slowly pretending it was river while listening to the explanations.

PROGRAMME HUESCA

03/06

Huesca Campus
(Cuarte road)
10:00 h - 11:30 h

MANIFEST READING

10:00 h

Reading of the G9MISSIONS consortium manifesto and Caring for climate applause given by the Vice Chancellor from the Huesca Campus, Marta Liesa and the participant students.

'EAT GOOD ENERGY. THE IMPORTANCE OF THE QUALITY OF HYDRATES OF CARBON'

10:15 h - 10:45 h

Talk on healthy and sustainable eating by Iva Marqués, Professor of Nutrition at the Faculty of Health and Sports Sciences.

'BARUK, THE PIRATE'. SUSTAINABLE AND ACTIVE MOBILITY GYMKHANA

10:45 h - 11:15 h

Sports Activities Service

HEALTHY BREAKFAST

11.15 h - 11:30 h



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PROGRAMME TERUEL

03/06

Teruel Campus (Ciudad Escolar St.)

MANIFEST READING

10:00 h

Reading of the G9MISSIONS consortium manifesto and Caring for climate applause given by Vice-rector of the Teruel Campus, José Martín-Albo, and the participating students.

SUSTAINABLE AND ACTIVE MOBILITY GYMKHANA

10:15 h

Sports Activities Service

SCIENTIFICALLY HEALTHY BREAKFAST



10:45 h

'EAT WITH COLOR, EAT WITH HEAD'

11:00 h

Interactive session with Alba Ma Santaliestra-Pasías, Isabel Rueda and Alicia Larruy-García, dieticians-nutritionists of the GENUD group (IA2, CiberOBN, IIS-Aragón).

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