



# We love Transdisciplinarity Maite dugu - Shaping the future of universities



**06.Sep - 07.Sep 2018**

**Cod. Z14-18**

**Mod.:**

Face-to-face

**Edition**

2018

**Activity type**

Summer course

**Date**

06.Sep - 07.Sep 2018

**Location**

Miramar Palace

**Languages**

Spanish English

**Academic Validity**

20 hours

**Organising Committee**



## Description

**The official languages of the course are Spanish and English. There will be no translation service.**

There is a widespread awareness of the need to delve deeper into the meaning of transdisciplinarity and its ability to transform our way of generating knowledge: pressing global and societal challenges require a fundamental convergence of disciplines, which generate fields that are common to all. These convergence spaces lead to the creation and transformation of new conceptual and methodological frameworks that no discipline can claim to be its own or exclusive.

On January 2016, Euskampus Fundazioa summoned a group of researchers linked to the University of the Basque Country to jointly reflect on transdisciplinary collaboration. The main purpose was to bring together talents in a shared reflection on the challenges and benefits that transdisciplinary collaboration involves and crystallize them in opportunities for the future. As a result, a document was released with the main conclusions to foster transdisciplinarity, bringing the University closer to Society in order to offer local responses to global challenges.

In 2015 the COST-INTREPID network started its way with the overall aim to better understand how to achieve more efficient and effective interdisciplinary research in Europe, in order to enhance our capacity to meet contemporary global challenges characterized by increasing complexity and uncertainty. INTREPID gathers scientists and professionals from various disciplines and 27 EU countries in a common space for reflection on the role and opportunities of interdisciplinarity in research programming and funding cycles, addressing multiple stages and dimensions of the research and innovation process. INTREPID draws on examples and experience related to sustainable urban development& research.

Echoing both initiatives, now Euskampus Fundazioa and COST-Intrepid join forces to celebrate a summer course, in the context of the University of the Basque Country's Summer School, that addresses different dimensions (transdisciplinarity, co-creation and co-production of knowledge, interconnectedness, openness, inclusiveness of societal actors, anchorage to the territory, etc.) that will shape the future of universities and research centres. A practical approach will be deployed through lectures and workshops in which each participant will be able to learn insights provided by leading professionals and to share her/his own personal experiences. In this way, the ideas and conclusions generated over the two-day course will be based on the participants' real experience.

## Objectives

To promote transdisciplinarity in academic research as a necessary approach to transform universities to become more responsible and engaged with society aiming sustainability

To be aware and share experiences of transformation initiatives and processes in higher education institutions and research centers with a holistic approach.

To gather methodologies and best practices recommendations to materialize transdisciplinary approaches and co-creation environments in a real time period.

To identify structural and cultural challenges in the organizations that catalyze working in more transdisciplinary, engaged, open and responsible ways.

## Course specific contributors



# Program

## 06-09-2018

08:45 - 09:30	Participants' registration and delivery of documentation
09:30 - 10:00	"Opening" <b>Idoia Fernández Fernández</b> UPV/EHU - Vice Rector for Innovation, Social Outreach and Cultural Activities /Vicerrectora de Innovación, Compromiso Social y Acción Cultural <b>Igor Campillo</b> Euskampus Fundazioa - Director <b>Olivia Bina</b> Universidad de Lisboa - Professor / Intrepid Coordinator
10:00 - 10:45	"Opening Lecture-Theory U perspective and levers of change shaping the future of universities" <b>Igor Campillo</b> Euskampus - Director
10:45 - 11:15	"Keynote lecture 2: On being a Trans Scientist: no guide, no limits" <b>Leire Escajedo San-Epifanio</b> UPV/EHU - Professor
11:15 - 11:45	Coffee break
11:45 - 13:15	"Workshop 1- Personal and interpersonal level. Value creators" <b>Maria García Alvarez</b> Windesheim Honours College - Coordinator Value Creator <b>Liesbeth Rijdsijk Windesheim</b> University of Applied Sciences, The Netherlands
13:30 - 15:30	Lunch session animated by Dr. Doerte Weig introducing 'Movement Research'
15:30 - 16:15	"Keynote 3. Double Diamond co-creation methodology for RTD projects: Putting a User to the Centre" <b>Andrey Girenko</b> DFKI, Germany - European Project Manager
16:30 - 18:00	"Workshop 2 - Contextual level- Practical demonstration of co-creation techniques." <b>Andrey Girenko</b> European Project Manager. DFKI, Germany - Moderator. <b>Maurice Rekrut</b> DFKI, Germany. - Technical Lead.

## 07-09-2018

09:00 - 09:45	"Keynote Lecture 4 " <b>Olivia Bina</b> ICS-University of Lisboa - Professor
09:45 - 11:15	"Workshop 3 - Contextual level- Physical and virtual spaces" <b>Olivia Bina</b> ICS-University of Lisboa - Professor <b>Prue Chiles</b> Newcastle University
11:15 - 11:45	Coffee break

11:45 - 12:30 "Keynote lecture 5."  
**Pierre Domingues Dos Santos** Université of Bordeaux - Director Dep. Cardiología

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12:30 - 13:15 "Keynote lecture and introduction to workshop 4"  
**Adela Balderas**

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13:30 - 15:00 Lunch time

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15:00 - 17:00 "Workshop 4 on the institutional level "  
**Adela Balderas**

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17:00 - 17:30 "Wrap-up, conclusions and take-home messages"  
**Carlo Sessa**

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## Directed by



**Elena Urdaneta**

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Director of Cooperative Innovation at Euskampus. Gained her PhD in Pharmacy at the Universidad de Navarra in 1995. Elena has made a number of postdoctoral visits to centres abroad including the UCLA Faculty of Medicine (Los Angeles, California) and the Physiology Department of the University of California in Irvine (UCI). She currently combines her position as Contracted Lecturer as Doctor in Physiology at the Universidad Pública de Navarra with her role as Research Director at BCC, which both promotes research projects in the field of the promotion of nutrition and e-health. She is the principal researcher on numerous funded research projects on physiology, gerontology and nutrition and is the author or co-author of over thirty scientific research articles in international periodicals. In 2004 she received the "Beca Ortiz de Landázuri" granted by the Health Department of the Government of Navarre.



**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



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### Adela Balderas

Dr. Adela Balderas is Research Fellow at the Oxford Institute of Population Ageing, University of Oxford. Professor at CámaraBilbao University Business School and at the Bachelor Degree in Gastronomy and Culinary Arts, Basque Culinary Center-University of Mondragon, Dr. Balderas is PhD in Business Administration. Master in Marketing, Executive MBA and Master in Career Coaching, she is also specialized in professional coaching with studies at the University of New York, Stanford and Harvard University. Consultant in marketing and business skills, Dr. Balderas has a wealth of teaching experience at the undergraduate and graduate levels. Lecturer at ESIC Business and Marketing School, she is currently Director of a Master at Basque Culinary Center, mentor in Imagine at Silicon Valley and consultant. Dr. Balderas is visiting professor and Lecturer at the University of Salamanca (Spain), College of Economics of the University of Xiamen (China), L University of Regensburg (Germany) .



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### Olivia Bina

interdisciplinary 'policy-engaged' researcher, exploring the (un)sustainability of our socio-economic and socio-technical models and their effect on life. I work through the lens of environmental governance, sustainable futures and transition/transformation theories. I search for worldviews and pathways that can balance our dependence on 'ever smarter' growth and technology with a recovery of the unlimited potential of prosperous human-nature connectedness. The general idea is to assist in efforts towards progress, beyond traditional notions of economic growth, towards a better future for all life on our Planet. I am Principal Researcher at the Instituto de de Ciências Sociais Universidade de Lisboa (ICS - Institute of Social Sciences University of Lisbon), and Adjunct Assistant Professor at the Department of Geography and Resource Management, of the Chinese University of Hong Kong.



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### Prue Chiles

Prue is an Architect and Professor of Architectural Design Research in the School of Architecture, Planning and Landscape(APL) at Newcastle University; after many years at the University of Sheffield. She combines research with practice and teaching and uses the design process in all her projects to

work with people and communities creatively; whether in research council funded research, the design and construction of buildings or neighbourhood design. Prue set up and directed the Bureau-Design+Research set up in 2002 within the School of Architecture at the University of Sheffield to pursue 'research by design', to raise the profile of design within the building process. BDR carried out over 60 commissioned research, research consultancy and consultancy projects with both local and national and international bodies and has built up a reputation for innovation, expertise and publications in the area of school design, community visioning and regeneration and sustainable futures.



### **Pierre Domingues Dos Santos**

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Dr Dos Santos is Cardiologist, Professor of Physiology and Head of the Department of cardiology, specialized in severe heart failure at Bordeaux University Hospital. He is a former research fellow of the NMR Laboratory of Joanne Ingwall, University of Harvard, Boston. He was Vice President of Univ. Bordeaux in charge of Research from 2012 to 2018 and is now in charge of Interdisciplinarity. He is also Director of the Platform for Technological and Biomedical Innovation of Bordeaux Univ. and Univ.Hospital of Bordeaux. He performs his research on Bioenergetic control of arrhythmias & heart function at Inserm Unit 1045 "Cardio-Thoracic Research Centre of Bordeaux" and at the Univ.-Hospital Institute Liryc. He has authored more 120 articles in peer-reviewed journals including New England Journal of Medicine, Proceedings of the National Academy of Sciences, Circulation Research. His major topics of interest are Heart failure; Interventional cardiology; Energy met



### **Leire Escajedo San-Epifanio**

UPV/EHU

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Leire Escajedo is Professor of Public Law, and Law and Ethics in the Biosciences at the UPV / EHU and Director of the Academic press. Bachelor and Doctor of Laws (2004) and PhD in Biological Sciences (2015), she was trained in the Interuniversity Chair of Law and Human Genome and in the Department of Constitutional Law of the UPV / EHU, and since 2010 she coordinates the area of Law and Ethics in Biosciences at the Faculty of Science and Technology. She is principal investigator for the Urban Elika group and a member of the Multilevel Governance research group. Among others, she has published several articles in Basque on ethical and legal aspects of scientific and technological advances. Highlights, on the one hand, a work on Human cloning, CAF Elhuyar award, and, on the other, a research monograph on the advances of Biotechnology, awarded by the International Society of Bioethics (SIBI) and published in Spanish, English and Basque.



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**Maria García Alvarez**

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Maria García- Alvarez is a lecturer in History of Globalization, Rhetoric and Global Challenges at the Windesheim Honours College (Windesheim University of Applied Sciences, Zwolle, the Netherlands). She is co-developer and coordinator of the Value Creators, an innovative educational concept where students work as change agents addressing complexity and SDGs. She holds a Master's degree in Communication Sciences from the Universidad Complutense of Madrid (Spain). She is a member of the Board of Directors of the social innovation think-tank Asturias Compromiso XXI in Spain. Her research focuses on character qualities as meta-competences that help dealing with complex issues and wicked problems. She is the contact person for UN-Habitat network at the university.



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**Andrey Girenko**

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Senior R&D Administrator at DFKI. Since 2001, he has been a EU project manager both at the European Research and Project Office GmbH (until 2008) and at DFKI (ongoing). He has acquired, managed and evaluated more than 50 European projects in different programmes and delivered more than 25 training workshops on research methodologies, project and innovation management around the world. Dr. Girenko was a manager of FP5 Uptake Measure Agentcities.NET, managed FP6 i2Home IST project in the field of smart home environments for AAL, and led the activities on active engagement with older users in the framework of FP7 SiforAGE project. Besides, he was involved in such FP7 ICT projects as Metalogue and ROCKIT, and running H2020 RICAIP. The expertise in innovation management was obtained through the series of innovation projects such as EIT PRAF and ELEMENT, FP6 K4CARE (EHR for home care, innovation manager), eContentplus MathBridge (business model developer).



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**Maurice Rekrut**

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Maurice is a software engineer at DFKI Competence Center Ambient Assisted Living - CCAAL - is a cross-project and cross-department virtual organization within the German Research Center for Artificial Intelligence coordinating and conducting research and development in the area of Ambient Assisted Living - AAL. It joins forces from the departments Intelligent User Interfaces (IUI), Cyber-Physical Systems (CPS), Agents and Simulated Reality (ASR), Institute for Information Systems (IWI), Augmented Vision (AV), Knowledge Management (KM) and Robotics Innovation Center (RIC) and thus offers

competences in a wide range of areas within AAL. Following a holistic approach to AAL, the driving force for research and development are primarily users of the technology, society and business partners. He is expert in User centered design and co-creation methodologies.



### **Liesbeth Rijdsijk Windesheim**

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Dr. Liesbeth Rijdsijk is the Director of External Relations at the Windesheim Honours College (Windesheim University of Applied Sciences, Zwolle, the Netherlands). She is also a lecture in research courses and works as a researcher at Windesheim's Professorship of Social Innovation. In the last years, her research and expertise is focus in Wicked Challenges, Leadership Competences and Governance, publishing several papers in these topics and developing the “wickedmeter”, a tool to measure dimensions of wicked problems. Liesbeth holds a PhD in Psychology and Neuroscience by the University of Maastrich. Previous work experience includes working for UNESCO/UNAIDS in the Pacific and Central Asia. She is a Board Member of the African Woman Foundation.



### **Carlo Sessa**

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Carlo SESSA, former President, is now Research Director at the Institute of Studies for the Integration of Systems of Rome (ISINNOVA). Before joining the institute in 1983, he has conducted research at NYU, where he worked with Nobel Prize winner Wassily Leontieff. He was the Coordinator of several EU research projects, in the 5th, 6th and 7th Framework Programmes, mostly in the fields of transport, energy, environment and urban governance issues. In this context, he was leading several participatory projects, involving panels of experts and citizens and aiming to raise the citizens awareness of science and technology prospects in the field of sustainable urban development (EU project RAISE), sustainable urban transport (EU project MOVE TOGETHER) and sustainable water management (EU project AWARE). Amongst several projects dealing with foresight issues, Carlo was involved as leading researcher in some EU funded Social Sciences and Humanities research projects:

## Registration fees

<b>REGISTRATION</b>	<b>UNTIL 31-05-2018</b>	<b>UNTIL 06-09-2018</b>
GENERAL	60,00 EUR	70,00 EUR
<a href="#">REDUCED FEE</a>	35,00 EUR	-
<a href="#">REGISTRATION EXEMPTIONS</a>	20,00 EUR	20,00 EUR

## **Place**

### **Miramar Palace**

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa