

A person wearing a white lab coat and blue gloves is working in a laboratory. They are using a large, complex microscope to examine a sample on a stage. The scene is illuminated with a blue and purple light, creating a scientific and technical atmosphere. The text 'RESEARCH UNITS @U.PORTO' is overlaid on the image in a white, sans-serif font.

RESEARCH UNITS  
@U.PORTO

**U.** PORTO

# SERVIÇO DE INVESTIGAÇÃO E PROJETOS



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## TITLE

RESEARCH UNITS @ U.PORTO

## FORMAT

Electronic

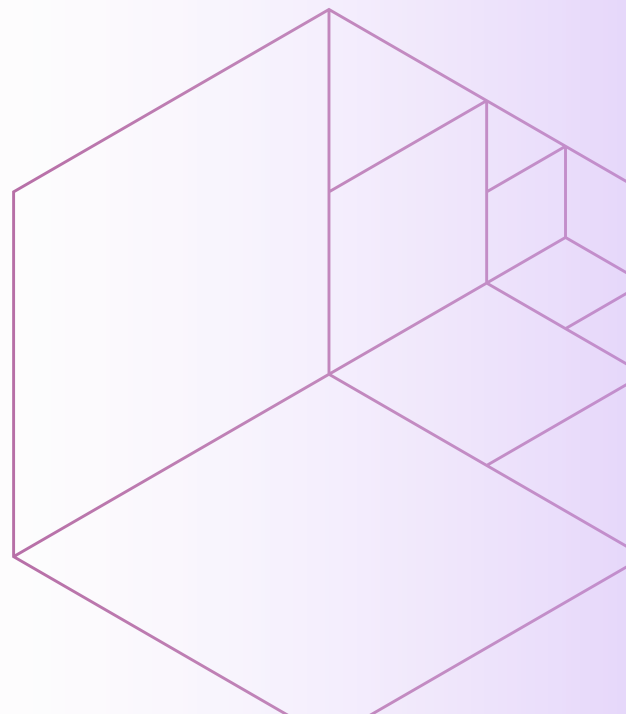
## DATE OF PUBLICATION

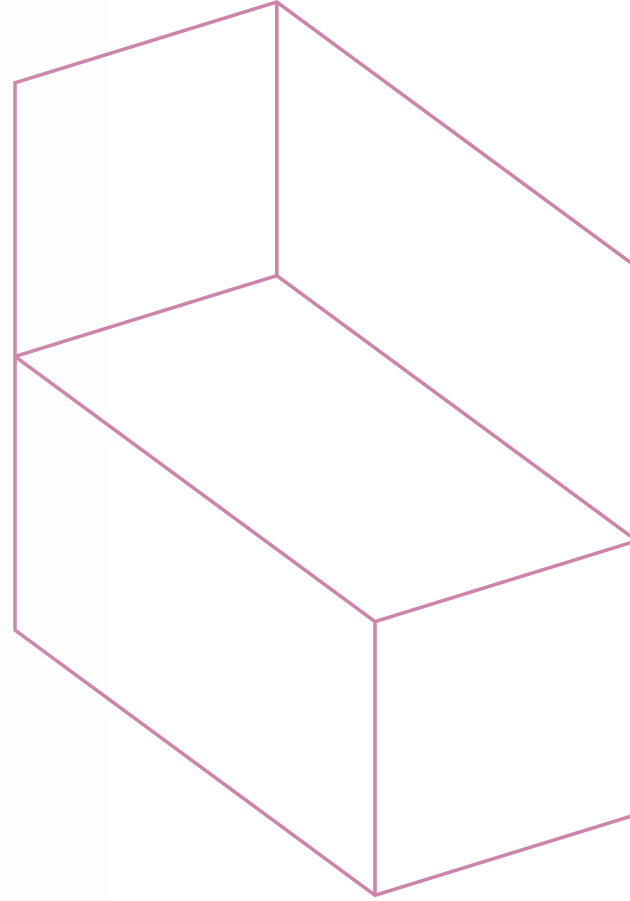
December 2022

*v.3 May 2023*

## ACKNOWLEDGEMENTS

The Research and Projects Office acknowledges the contribution of all entities and/or individuals for the data provided to prepare this document.





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by SCIENTIFIC AREA

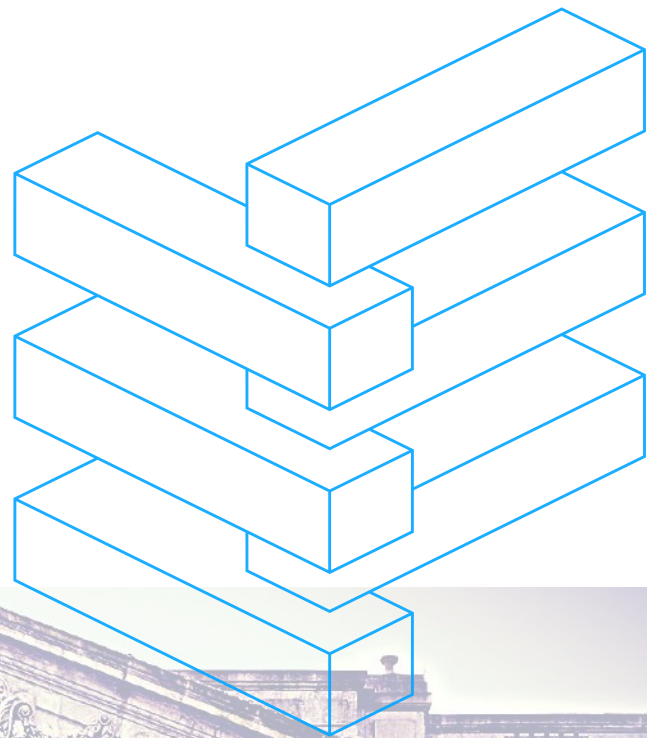
08 Arts and Humanities  
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29 Health Sciences  
38 Exact Sciences  
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# FOREWORD

This publication is dedicated to U.Porto's Research Units (R&D Units), recognized and funded by the Portuguese Foundation for Science and Technology (FCT).

The U.Porto research ecosystem – composed of 14 faculties and 11 associated research institutes – comprises **48 Research Units**, 21 of which are co-managed with other national institutions. 90% of R&D Units were classified with *Excellent* or *Very Good*.

This mapping acknowledges and provides a broader overview of the 48 R&D Units. Specifically, for each R&D Unit a set of details is highlighted, including funding, integrated researchers within the research ecosystem, research activities, groups and/or lines. Likewise, the integration into 17 national Associate Laboratories and the alignment of the scientific activities to the 17 Sustainable Development Goals (SDGs) are emphasized.

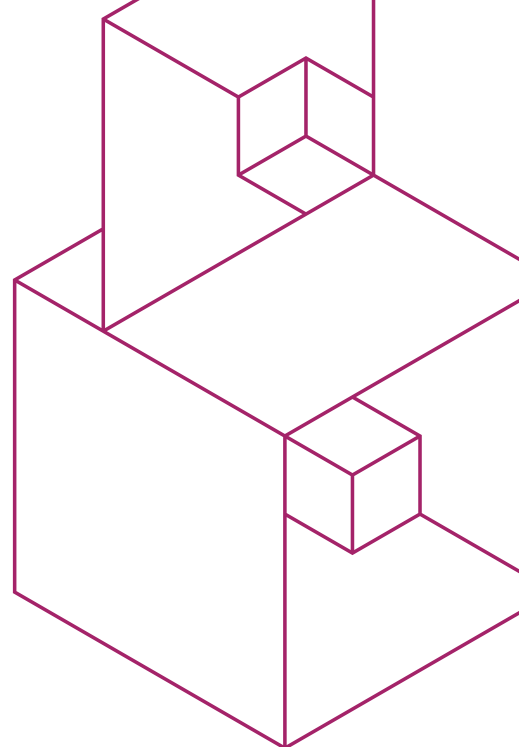


The background is a vibrant, multi-colored gradient of purple, blue, green, and yellow. It is filled with numerous translucent, multi-colored spheres of various sizes, some containing smaller bubbles. On the right side, there are several 3D wireframe cubes of different sizes and orientations. On the left side, there are dark, semi-transparent rectangular shapes that partially overlap the text.

# FACTS & FIGURES

# FACTS & FIGURES

U.PORTO  
RESEARCH  
ECOSYSTEM



48

## RESEARCH UNITS



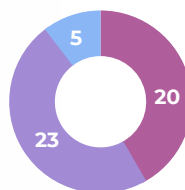
6

## SCIENTIFIC AREAS



90 %

## EVALUATED AS EXCELLENT OR VERY GOOD



Excellent  
Very Good  
Good

## RESEARCH UNITS PER AREA

10

Engineering and Technology Sciences

9

Arts and Humanities

8

Health Sciences

8

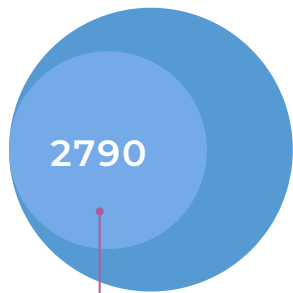
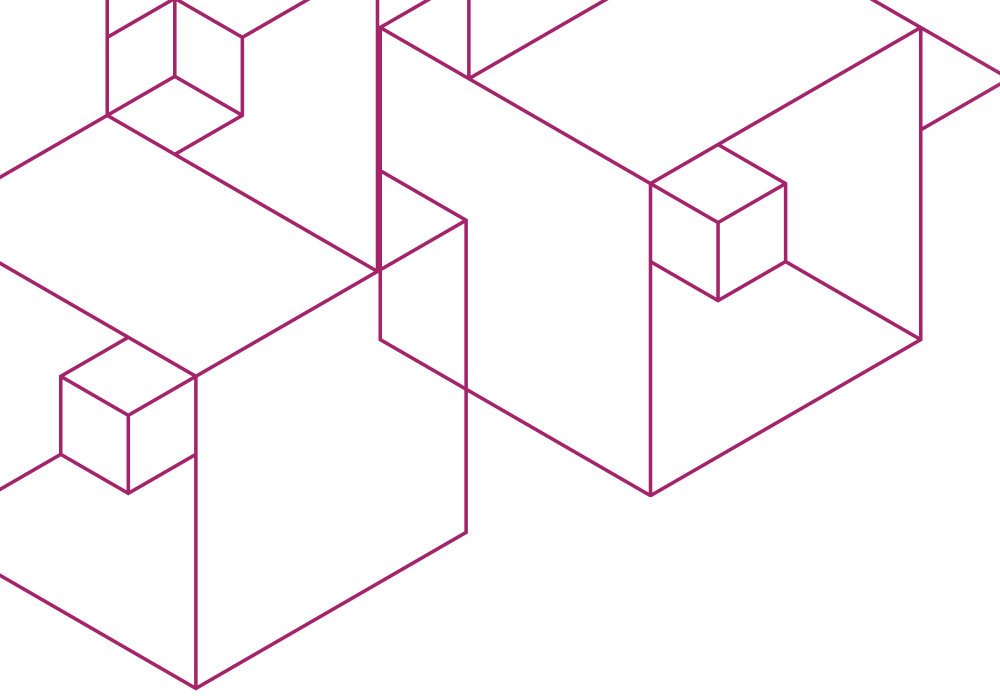
Social Sciences

7

Exact Sciences

6

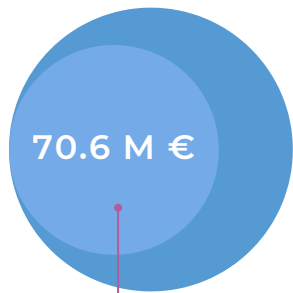
Natural Sciences



**4511**  
**TOTAL INTEGRATED MEMBERS**



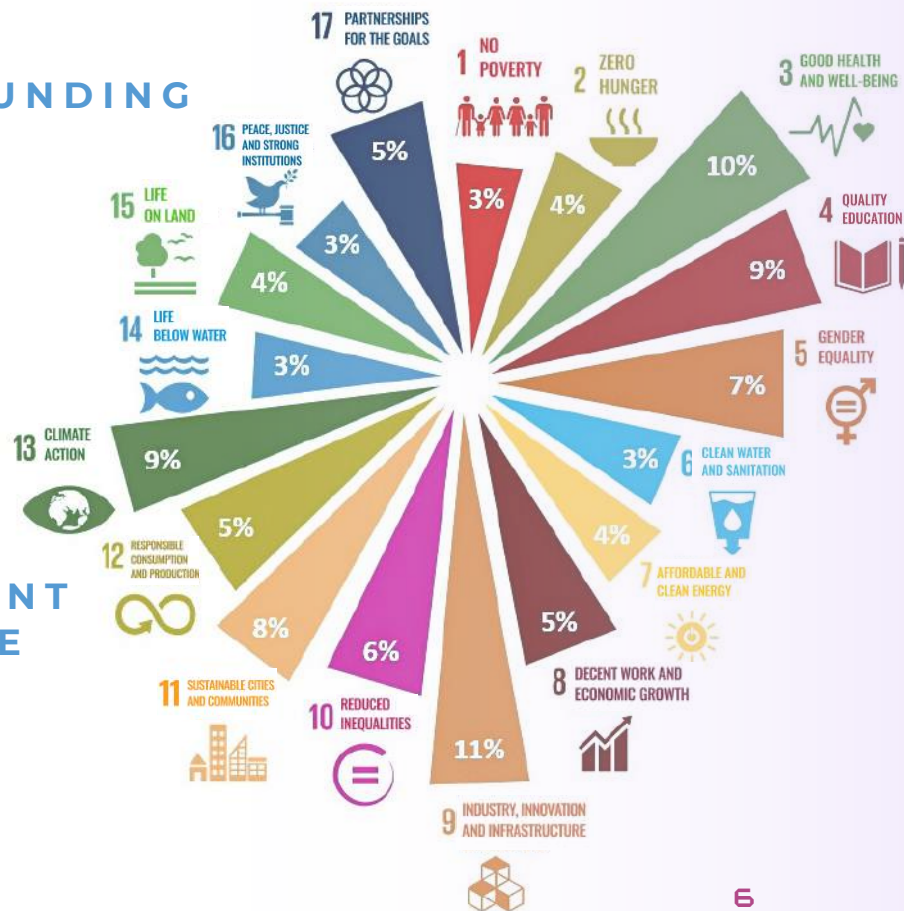
U.Porto ecosystem



**99.6 M €**  
**TOTAL FUNDING**  
2020-2023



U.Porto ecosystem



**ALIGNMENT**  
**WITH THE**  
**SDGS**

The background of the page is a microscopic image showing numerous cells. Most cells are stained blue, while some are stained green. The cells are densely packed and vary in size and shape. Overlaid on the image are several geometric shapes: a large, semi-transparent purple rectangle on the left side, and a yellow wireframe structure on the right side that consists of several interconnected hexagonal and rectangular outlines, resembling a molecular or crystal lattice structure.

RESEARCH UNITS  
by SCIENTIFIC AREA





ARTS &  
HUMANITIES

RESEARCH UNITS@U.OCCTO

# CEAU CENTRE FOR STUDIES IN ARCHITECTURE AND URBANISM

CEAU is based at the Faculty of Architecture of the University of Porto (FAUP) aiming the production and dissemination of Architectural knowledge, based on the understanding of the discipline of architecture as a field where a wide variety of artistic and scientific topics overlap, e.g. theory, history, technology, urban studies. CEAU is currently a medium-sized research unit, having grown steadily in the last decade. It has studio-rooms for the research groups and their ongoing projects, as well as for integrating individual researchers who develop research actions in close correlation with the center's activity. Although the original field of research of the CEAU is Architecture and Urbanism, the center integrates and receives researchers from several other disciplines, namely, Anthropology, Archaeology, Economy, Engineering, Geography, History and Sociology. CEAU is strongly committed with internationalization through different activities and strategies: i) the foundation of thematic research networks; ii) the organization of several international conferences (in leading subjects in the disciplinary field); iii) the participation of its members in a wide range of scientific conferences; iv) the participation in examination panels and scientific committees; v) and the organization of research meetings, seminars and discussions.

## WEBSITE: [CEAU.ARQ.UP.PT](http://CEAU.ARQ.UP.PT)

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.7 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 75

## FCT EVALUATION

Very Good

## KEYWORDS

Architectural Design  
Architecture  
Construction  
Drawing  
History  
Urbanism

## RESEARCH GROUPS | LINES

Architecture & Modes of Inhabiting (AMH)  
Architecture, Art & Image (AAI)  
Architecture, City & Territory  
Heritage (PACT)  
Architecture: Theory, Project & History (ATPH)  
Digital Fabrication Laboratory (DFL)  
Housing Architectural Design & Forms of Dwelling (AdC)  
Territory Dynamics & Morphologies (MDT)  
Theory & Project Practices (T2P)

# CEAUP

## CENTRE OF AFRICAN STUDIES OF THE UNIVERSITY OF PORTO

CEAUP is one of the earlier R&D Units for African Societies in Portugal (since 1998). It is a multidisciplinary Unit of Social Sciences that includes researchers from Europe, Africa and Brazil. CEAUP develops key interdisciplinary activities on area studies engaging different donors (e.g. ERC, FCT, IPAD). Since 2006 the CEAUP is committed to a methodology of action research, trying to combine the results of research activities with cooperation actions. Its strategies aim to promote change narrowing the gap between theoretical and endogenous knowledge, working along with NGOs and regional institutions in African countries. The CEAUP itself acquired an NGO status since 2009 and several of its researchers participated in networks for the production of African text books for primary and secondary education, of management of water resources, etc. CEAUP main achievements include the interdisciplinary journal *Africana Studia*, and the monographs series *Estudos Africanos*, *Experiencias de África*, and CEAUP Series on Africa, published by Peter Lang.

### WEBSITE: AFRICANOS.EU

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

169 K € (U.Porto ecosystem: 97 K €)

### INTEGRATED RESEARCHERS

45 (U.Porto ecosystem: 3)

### FCT EVALUATION

Good

### KEYWORDS

African Studies

Archaeology of Africa

Educational Studies

International Relations

Labour History

Tropical Geography



### RESEARCH GROUPS | LINES

Education, Development & Global  
Citizenship

Policies & African Territories

Trade Unionism & Labour Work in Africa

# CETAPS

## CENTRE FOR ENGLISH, TRANSLATION, AND ANGLO- PORTUGUESE STUDIES

CETAPS is a dynamic research centre that brings together integrated members and collaborators from 16 Portuguese institutions of higher education, promoting research and activities with high national and international reach. CETAPS runs 6 open access databases, publishes 4 open access electronic journals (one of which has been recently indexed by Scopus), and has a Digital Laboratory which is the result of the R&D+i unit's commitment to the development of the Digital Humanities. It has also been involved in MA and PhD programmes, both national and international (eg. European Joint Doctorate MOVES – Migration and Mobility: Historical and Cultural Challenges, and Erasmus Mundus Masters Crossways in Cultural Narratives), and has consistently invested in a considerable number of high impact outreach activities.

Additionally, it offers scholarships and training programmes to young researchers and benefits from the energy and commitment of the Junior Researchers in Anglo-American Studies Platform (JRAAS) to promoting activities connected with the literature, culture and the arts of the anglophone world. Research at CETAPS is organized into 6 research areas and 7 research strands with fluid boundaries and overlapping memberships, reflecting its vocation not merely to host projects, but rather to provide members with conditions that facilitate their evolving participation in well-established but adaptable research structures. This organizational strategy fostered events and publications over the past five years: 94 organized conferences, 250 books/book chapters, and 246 published papers; the CIPSH Chair on Digital Humanities in Education (2020-25); the translation of William Shakespeare's dramatic works; the development of 6 databases (EDLT, BBP, DPT, LTSB, Shakespeare TM & English Travellers in Portugal); and the participation in international networks & projects (MOVES, UTOPIA500, ICEPELL, CANDIICE, ITELAB).

### WEBSITE: CETAPS.COM

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### COORDINATOR AT U.PORTO

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Vieira | mvieira@letras.up.pt

### RESEARCH UNIT FCT FUNDING (20/23)

1.2 M € (U.Porto ecosystem: 543 K €)

### INTEGRATED RESEARCHERS

57 (U.Porto ecosystem: 24)

### FCT EVALUATION

Excellent

### KEYWORDS

Culture  
English Language  
Languages teaching  
Literature  
Translation

### RESEARCH GROUPS | LINES

Anglo-Portuguese Studies  
Mapping Utopianisms  
Relational Forms: Medial & Textual  
Transits in Ireland & Britain  
Shakespeare & The English Canon:  
History, Criticism, Translation  
Anglophone Cultures & History:  
    American Intersections  
    Literature & Media  
    Science & Culture  
Teacher Education & Applied  
Language Studies:  
    Intercultural Studies in Second  
    Language Education  
    Languages, Curriculum & Teacher  
    Education  
    Translationality  
    Content & Language Integrated  
    Learning (CLIL)



# CITTA

## RESEARCH CENTRE FOR TERRITORY, TRANSPORTS AND ENVIRONMENT

CITTA is a FEUP and FCTUC research unit dedicated to the advancement and dissemination of knowledge in the fields of Spatial Planning, Environmental Policy, and Transport Planning and Engineering. It is the result of the merging of a smaller homonymous FEUP unit, with the Spatial Planning and Transport Engineering group from FCTUC's Civil Engineering Research Centre (CIEC). CITTA seeks to develop inter and multidisciplinary applied research, policy and design oriented, in the fields of Spatial Planning, Environmental Policy, and Transport Planning and Engineering, focusing on the roles of cities, urban systems and their transport infrastructure and services, under a distinctive post carbon paradigm perspective, able to feed and influence the international research agenda without jeopardizing the potential of knowledge generation associated to the specific nature of local, regional and national planning and transport issues. CITTA's team of researchers have backgrounds in Civil Engineering, Architecture, Environmental Engineering, Geography, Landscape Architecture, Spatial Planning, and Sociology, and are affiliated to various Portuguese Universities and Polytechnic Institutes. CITTA has been strongly involved in EU-, COMPETE- and FCT-funded research projects, collaboration with leading research universities such as MIT, Carnegie Mellon U, EPF Lausanne, ETH Zurich, Imperial College and U.Cambridge.

### WEBSITE: CITTA.FE.UP.PT

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### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

1.8 M € (U.Porto ecosystem: 1.1 M €)

### INTEGRATED RESEARCHERS

50 (U.Porto ecosystem: 31)

### FCT EVALUATION

Excellent

### KEYWORDS

Environmental Policy &  
Management  
Spatial Planning Transport  
Planning & Engineering  
Urban Policy & Planning

### RESEARCH GROUPS | LINES

Anglo-PoPlanning & Environmental  
Assessment  
Transport Analysis & Planning  
Transport Engineering & Management  
Urban Planning & Housing



# CITCEM

## TRANSDISCIPLINARY RESEARCH CENTRE «CULTURE, SPACE AND MEMORY»

Founded in 2007, CITCEM is a R&D Unit based at the Faculty of Arts and Humanities of the University of Porto. Anchored in the wider field of the humanities and social sciences, CITCEM operates as a transdisciplinary research platform, exploring the close connections between several disciplines, such as history, archaeology, art history, cultural and literary studies, demography, information, communication and heritage sciences, amongst others. CITCEM focuses on the transdisciplinary study of memory and heritage themes in connection with the evolving interactive construction of economic, social, political, cultural and territorial identities and spaces, with a particular but not exclusive emphasis on North-western Portugal. This focus encompasses the study of identity memories, cultural heritage in its material and immaterial forms, environmental history, rural and urban landscapes, population mobility, religious practices, and other associated research topics. From its inception, CITCEM has been working in close partnership with local authorities, independent institutions and interested parties in general, building a strong regional rapport which has managed to catalyse further successful national and international collaborations. The results are two COST Actions – Women on the Move, and Language in the Human-Machine Era –; the History Lab for European Civic Engagement, an open e-Toolkit to train History Teachers on Digital teaching and Learning, funded by Erasmus+; two exploratory projects “Letters in the Cloister” and “The reconstruction of monastic archives in Northern Portugal”, funded by FCT (2021); and MOVES – Migration and Modernity, a European Joint Doctorate (Marie Curie Action).

### WEBSITE: CITCEM.ORG

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 2.6 M €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 73

### FCT EVALUATION

Very Good

### KEYWORDS

Cultural Inclusiveness  
Digital Culture  
Historical Narrative  
Memory & Heritage  
Migration & Permeability  
Sustainable Transitions

### RESEARCH GROUPS | LINES

Information, Communication & Digital Cultures  
Education & Societal Challenges;  
Global Representations  
Population & Health  
Religious Practices & Sociabilities  
Tangible & Intangible Heritage  
Territory & Landscape  
Trading Value



# IF INSTITUTE OF PHILOSOPHY

IF is an established Research Unit with activities in various domains of Philosophy. Its main aim is to foster and support research in Philosophy, and to make it available to the widest possible audience, both in and outside the academia, in Portugal and abroad. This is accomplished mostly through the Institute's publications and the events it organizes (conferences, seminars, workshops, lectures, colloquia, etc.). Through the part of its work that is done in Portuguese, the Institute aims at extending its reach to the worldwide Portuguese-speaking philosophical community. The Institute has established protocols and networks with other research units or research groups in Portugal and abroad, namely in the areas of Mind, Language and Action, Ethics and Political Philosophy, Aesthetics, Epistemology, Medieval and Early Modern Philosophy and Culture, and Portuguese Thought and Culture. The Institute's protocols and networks give support to undergraduate and graduate programmes of the Department of Philosophy, making it possible for University of Porto Philosophy students to circulate internationally and be in touch with important research centers worldwide. Some of the Institute's recent achievements are: the book *The Logical Alien* (2020). Edited by Sofia Miguens. Harvard University Press; the chapter "City and Common Space" (Paula Cristina Pereira) in *The Routledge Handbook of Philosophy of the City* (2019). Routledge; the project "From Data to Wisdom. Philosophizing Data Visualizations in the Middle Ages and Early Modernity (13th-17th Century) (PI Jose Higuera)"; the book *A Ciência Metafísica. Itinerários de um conceito* (2018). Edited by Oliveira e Silva, P., Rebalde, J., Poncela, A. Afrontamento; and the book *De Portugal a Macau: Filosofia e Literatura no Diálogo das Culturas* (2017). AAVV. FLUP.

## WEBSITE: IFILOSOFIA.UP.PT

Faculty of Arts and Humanities [FLUP]  
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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.3 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 25

## FCT EVALUATION

Very Good

## KEYWORDS

Epistemology  
History of Philosophy  
Metaphysics  
Aesthetics  
Philosophy  
Political Philosophy

## RESEARCH GROUPS | LINES

Aesthetics, Politics & Knowledge  
Aristotelica Portugalensia  
Mind, Language & Action  
Philosophy & Public Space  
Reason, Politics & Society  
Roots & Horizons



# i2ADS RESEARCH INSTITUTE IN ART, DESIGN AND SOCIETY

i2ADS is a R&D unit based at the Faculty of Fine Arts of the University of Porto that has the mission of promoting research in Fine Art, Performative arts, Drawing, Design and Arts Education. The core of its mission is the practical and educational impact of artistic research in society and its main goals are the development of a research culture shared among the several artistic areas that compose it to inform and develop its practices; the promotion of debate on the social, cultural and technological frameworks of art and design; the development of research careers in Art and Design and the support to young researchers. The Unit supports two Doctoral Programs (Fine Arts and Arts Education) and is actively involved in the promotion of a research culture among master's and BA's Programs at FBAUP. i2ADS is also an Institutional and Portal member of the Society of Artistic Research (SAR) and the European Educational Research Association (EERA). i2ADS' main achievements include: project "CREATE - Creative Primary School Partnerships with Visual Artists"; project "Social inclusion & Well-being through the Arts and Interdisciplinary Practices"; IDENTIDADES\_Colectivo de Acção / Investigação; and the book "Post-Digital Letterpress Printing: Research, Education and Practice", published by Routledge.

## WEBSITE: I2ADS.UP.PT

Faculty of Fine Arts [FBAUP]

| +351 225 192 429 | i2ads@fba.up.pt

## COORDINATOR AT U.PORTO

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 669 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 32

## FCT EVALUATION

Very Good

## KEYWORDS

Art

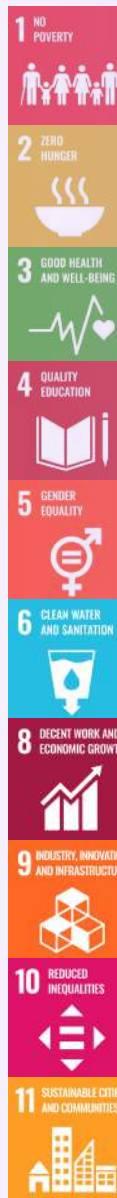
Artistic studies

Arts education

Design

Drawing

Music & performing arts



## RESEARCH GROUPS | LINES

Artistic Practice, Politics & Social Engagement

Artistic Production, Processes & Technological Studies

Arts Education, Critique & Society

Computation, Hybrid Practices & Culture

Drawing Across Disciplines

Interculturality & Society



**ID+**

# RESEARCH INSTITUTE FOR DESIGN, MEDIA AND CULTURE

ID+ is a multidisciplinary research structure anchored in three institutions: University of Aveiro (Department of Communication and Art) [UA /DeCA], University of Porto (School of Fine Arts) [FBAUP] and, since 2017, the Polytechnic Institute of Cávado and Ave (School of Design) [IPCA / ESD]. It is centered on Design, while extending to further creative areas in Culture and the Arts. Its strategic guidelines are to actively intervene in the production and application of knowledge, enhancing the cultural mediation function that characterizes Design, along with the social questioning and the poetic innovation that Art allows; to demonstrate the structuring importance of Design and Art in the definition and multidisciplinary implementation of credible scenarios for sustainable growth, where quality of life is a prerequisite for prosperity; to validate Design and Art as ethical agents of a demanding, critical and participative citizenship, cultivating its appropriation and translatability on a social, cultural and economic level; to scrutinize the contemporaneity of cultural heritage in its dynamic relationship with new technological and media paradigms. Its members have participated several funded projects (9 Erasmus+, 3 Creative Europe, 4 FEDER, 7 FCT); community outreach projects “Art on Chairs” (Paredes/RegioStars Prize), and “Future Places”; and in two international networks - DESIS Network (coordination), and European Academy of Design. In addition to these, nearly one third of the PhDs in Design carried out in Portugal were supervised by ID+ members.

## WEBSITE: IDMAIS.ORG

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## COORDINATOR AT U.PORTO

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## RESEARCH UNIT FCT FUNDING (20/23)

1.2 M € (U.Porto ecosystem: 232 K €)

## INTEGRATED RESEARCHERS

84 (U.Porto ecosystem: 12)

## FCT EVALUATION

Very Good

## KEYWORDS

Contemporary Media Corporate  
Impact of Research  
Culture & Creativity  
Design for Entrepreneurial  
Development  
Design Literacy & History Regional  
Networks for Valuing Design &  
Culture  
Research Through Design & Art

## RESEARCH GROUPS | LINES

Cinema and Digital Narratives  
(CINEMAS)  
Communication, Art, Object &  
Synergies (CAOS)  
Critical Design Lab for Growth &  
Prosperity (MADE.PT)  
Design for Ecosystemic Spaces  
(OIKOS)  
Design for Social Innovation &  
Sustainability (ID+ DESIS.LAB)  
Design, Nature, Culture & Tourism  
(PERIPHERIES)  
Health + Design Lab (HEAD)  
Praxis & Poiesis: from arts practice  
towards art theory (P&P)  
Strategic Design Lab (SD-LAB)  
Theory & Memory (THEME)  
Typographic Research Network (NIT)  
Unexpected Media Lab (LUME)



**ILC**

# MARGARIDA LOSA INSTITUTE FOR COMPARATIVE LITERATURE

The Margarida Losa Institute for Comparative Literature (ILC) is a Research Unit based at the Faculty of Arts and Humanities of the University of Porto, whose work is fundamentally focused on the field of Literary Studies, Art Studies, Cultural Studies and Feminist Studies, in conjunction with other scientific areas such as Philosophy or Sociology. The institute hosts 2 knowledge bases and 2 databases and an online portal for an international research network and publishes 3 electronic journals, 2 digital book series, and 4 printed book series, having in its catalogue award-winning books of essays. Many of its researchers collaborate in different study cycles and advanced training courses at the Faculty of Arts and Humanities of the University of Porto and maintain collaboration protocols with various local and national cultural institutions. The Institute also participates in several international projects and regularly organizes seminars, international colloquia, multidisciplinary events and university extension activities, benefiting from a wide community of visiting researchers, lecturers and guest artists.

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 603 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 27

## FCT EVALUATION

Very Good

## KEYWORDS

Comparative Literature Cultural  
Studies, Gender & Feminist  
Studies  
Interart Studies



## RESEARCH GROUPS | LINES

Inter / Transculturalities  
Intermedialities  
Intersexualities



# ENGINEERING & TECHNOLOGY SCIENCES

# CEFT TRANSPORT PHENOMENA RESEARCH CENTER

CEFT is a research unit focusing on the sub-domain of transport phenomena, spanning from the macro to the micro scales and integrating successfully an experimental approach with numerical methods and theoretical formulations, bridging the main areas of chemical and mechanical engineering, developing research activities with the best possible combination of people no matter their origin and place of work. It assembles researchers from various Departments and Institutions across Portugal, thus departing from the traditional model of vertical organization. Since its inception in 1996, it has grown steadily, but sustainably, into a medium sized unit with an informal governance system that potentiates and promotes independent research and enhances creativity. The dissemination of knowledge, an imperative social activity, and the training of highly skilled young researchers in Transport Phenomena are also important achievements of the group. For this purpose, CEFT supports some groups of young researchers who are working in Polytechnic Institutes.

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 775 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 20

## FCT EVALUATION

Excellent

## KEYWORDS

Chemical Engineering

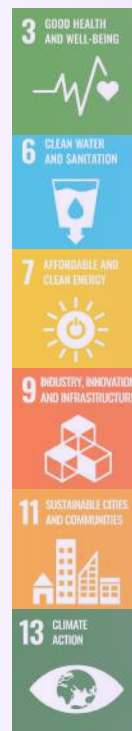
Energy

Fluids

Mechanical Engineering

Microfluidics

## ASSOCIATE LABORATORIES



## RESEARCH GROUPS | LINES

Fluids

Energy

# CERENA

## CENTER FOR NATURAL RESOURCES AND ENVIRONMENT

CERENA is a medium size R&D Unit with several integrated PhD researchers from various scientific fields such as mining engineering, geosciences, chemical engineering, materials engineering and geophysics among others gathered either by a common field of application and/or by the methodological approaches. CERENA's mission is to develop research at the highest level of excellence related to the sustainable use of natural resources, including energy, as well as their impact on the environment. It is committed to finding solutions for current societal challenges, including those related to climate action, environment, health, raw materials and resource efficiency and, safe, clean and efficient energy, in order to contribute to achieving the goals of sustainable development and the progress towards a circular economy. CERENA is hosted by two portuguese engineering schools: Instituto Superior Técnico from University of Lisbon and Faculty of Engineering of the University of Porto and it participates actively international research networks such as EIT Raw Materials, KIC-InnoEnergy, Eurelco, IETS, COST Action. Some of CERENA's outstanding projects are: CAVALI project that aims to develop up to the maximum limit considered as possible and feasible, the value chain of the production cycle of lithium-based batteries for electric vehicles, thus enhancing the maximization of the added value resulting from the exploitation of the national resources of this metal; SHS - Soil health surrounding former mining areas - characterization, risk analysis, and intervention; InTheMed- Innovative and Sustainable Groundwater Management in the Mediterranean - where the main goal is to implement innovative and sustainable management tools and remediation strategies in five typical case studies, located between the two shores of the MED; BETTER PLASTICS project aims to be the Mobilizing Project of the Plastics Sector in Portugal and leverage the transition of this sector to a circular economy and Clean4G-Conversion of CO<sub>2</sub> from cement production process into a clean gaseous fuel for use in the same process-circularity in the process of cement emissions.

### WEBSITE: CERENA.PT

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

1.8 M € (U.Porto ecosystem: 246 K €)

### INTEGRATED RESEARCHERS

75 (U.Porto ecosystem: 12)

### FCT EVALUATION

Excellent

### KEYWORDS

Circular Economy

Energy

Engineering

Environment

Processes & Systems Modelling

Resources & Raw Materials

### RESEARCH GROUPS | LINES

Energy (EnerG)

Environment (EnvG)

Raw Materials (RawMatG)



# SYSTEC

## RESEARCH CENTER FOR SYSTEMS AND TECHNOLOGIES

SYSTEC is hosted at the Faculty of Engineering at the University of Porto and in the Institute for Systems and Robotics (ISR). Supported by the faculty in what concerns infrastructures, human resources, and its vast collaborative research network, and by ISR in what concerns the networks of stakeholders, and of institutions addressing the societal challenges, SYSTEC advances its R&D and Innovation agenda to promote: academic excellence, worldwide networking with institutions and researchers with opportune scientific affinities to ensure the critical mass, interaction with end-users and stakeholders to promote the tuning with challenge-driven innovation dynamics, emergence of actors relevant to the evolution of paradigms for the societal impact of science and technology, as well as integration with advanced formation activities. SYSTEC is part of the Associated Laboratory ARISE, and participates in many initiatives, being Vasco da Gama, +ATLANTIC and HyLAB – Green Hydrogen COLABS, in the EMSO, and AIRCENTER infra-structures of the National Roadmap, as well as SHIFT2RAIL, and KIC – EIT Manufacturing, the few most significant ones. It has also created five successful start-ups: MOBICAR, CONNECT ROBOTICS, NOMADTECH, ADDVOLT, 4DCTECH, and OCEANSCAN.

### WEBSITE: SYSTEC.FE.UP.PT

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### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

665 K € (U.Porto ecosystem: 419 K €)

### INTEGRATED RESEARCHERS

26 (U.Porto ecosystem: 18)

### FCT EVALUATION

Very Good

### KEYWORDS

Advanced Manufacturing Systems  
Control Optimization & Estimation  
Networked Robotic Vehicle Systems  
Renewable Energy & Smart Mobility

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Laboratory of Cyber-Physical Control  
Systems & Robotics (C2SR)  
Laboratory for Systems Control  
Optimization & Estimation (LSCOE)  
Laboratory for Electric Mobility &  
Renewables (LEMUR)  
Laboratory for Digital & Intelligent  
Industry



# INESC TEC

## INSTITUTE FOR SYSTEMS AND COMPUTER ENGINEERING, TECHNOLOGY AND SCIENCE

INESC TEC is a private non-profit research association, with Public Interest status, dedicated to scientific research and science-based innovation. As an institution operating at the interface of the academic and business worlds, bringing closer together academia, companies, public administration, and society, INESC TEC typically applies the knowledge and results generated as part of its research in technology transfer projects, seeking value creation and social relevance. INESC TEC vision is to be a leading Science and Technology Institution at international level in the domains of Computer Science, Industrial and Systems Engineering, Power and Energy, Communications, Robotics and Bioengineering. As an Associated Laboratory, INESC TEC's contributions to S&T policy have been many in its 35 years of history. It contributes to the building blocks of the S&T system, highly qualified talent in critical STEM areas, technology infrastructures shared with the S&T community, and communication with students and the general public, while developing international partnerships. INESC TEC actively participates in four Portuguese Research Infrastructures of Strategic Interest besides other well-equipped laboratories. INESC TEC activities are aligned with the European priorities that include the European Green Deal and the Europe Fit for the Digital Age, as well as with the Portuguese set of research and innovation thematic areas and recently defined priorities related to Digital Transition, Climate Transition, and Resiliency.

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

6.5 M € (U.Porto ecosystem: 3.3 M €)

### INTEGRATED RESEARCHERS

334 (U.Porto ecosystem: 237)

### FCT EVALUATION

Very Good

### KEYWORDS

ICT from Electrical & Computer

Engineering to Physics

Industrial Management &

Innovation

Multidisciplinarity

Science innovation & Technology

Transfer

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Advanced Computing Systems

Applied Photonics

Artificial Intelligence & Decision

Support

Biomedical Engineering Research

Enterprise Systems Engineering

High-Assurance Software

Human-Centered Computing &

Information Science

Industrial Engineering & Management

Innovation, Technology &

Entrepreneurship

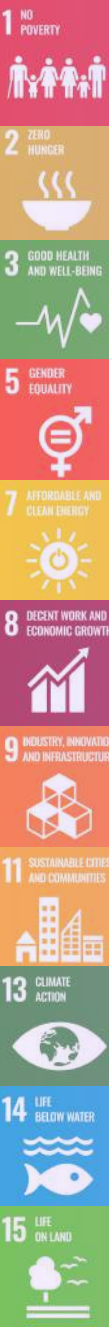
Power & Energy Systems

Robotics & Autonomous Systems

Robotics in Industry & Intelligent

Systems

Telecommunications & Multimedia



# CONSTRUCT

## INSTITUTE OF R&D IN STRUCTURES AND CONSTRUCTION

The Institute of R&D in Structures and Construction was created in 2015, stemming from the merging of two previous research units both settled at the Civil Eng. Department of FEUP. The general objective of CONSTRUCT is the development of research on Safety, Serviceability, Durability, Economy, Comfort and Sustainability of Civil Engineering constructions. To accomplish this goal, research involves the characterization of materials, the characterization of the mechanical and environmental actions on the constructions, the development of experimental studies on the behaviour of elements and constructions, the monitoring of the life-cycle of constructions, including their execution phase, the development of theoretical studies by analytical or numerical modelling of the behaviour of constructions, and the development of products, such as, materials, construction processes, technologies, methods of analysis, tests and software, related with characterization, analysis, design, building, monitoring and management of the constructions. CONSTRUCT intends to implement its research activities in accordance to the development strategy of the Northern Region where it is located and in accordance with the goals of international networks in which a strong participation is presently active.

### WEBSITE: FE.UP.PT/CONSTRUCT

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 873 K €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 46

### FCT EVALUATION

Very Good

### KEYWORDS

Built & Historical Heritage & City  
Eco-efficient materials & Durability  
Risk, Safety & Comfort  
Transport & Energy

### RESEARCH GROUPS | LINES

Geotechnics (GEO)  
Management & Technology of Building  
Construction (GEQUALTEC)  
Laboratory for the Concrete Technology  
& Structural Behaviour (LABEST)  
Laboratory of Seismic & Structural  
Engineering (LESE)  
Laboratory of Physics of Constructions  
(LFC)  
Laboratory of Vibrations & Monitoring  
(VIBEST)





# IT INSTITUTE OF TELECOMMUNICATIONS

The Institute of Telecommunications (IT) is a private, not-for-profit, multi-site association of six universities, one polytechnic institute and two private companies, having a wide national coverage. Established in 1993, was granted the statute of Associated Laboratory in 2001. IT is actively involved in fundamental and applied research both at national and international levels. IT also plays its role towards public society with public awareness initiatives, knowledge transfer to industry, and by providing consulting services on a non-competing basis. Scientific expertise in IT, from which follow its main research and education activities, spans the Thematic Lines: Wireless Technologies, Optics and Photonics, Information and Data Science, Networks and Services, and Basic Sciences and Enabling Technologies.

## WEBSITE: IT.PT

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## COORDINATOR AT U.PORTO

Ana Cristina Costa Aguiar  
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## RESEARCH UNIT FCT FUNDING (20/23)

5.7 M € (U.Porto ecosystem: 100 K €)

## INTEGRATED RESEARCHERS

338 (U.Porto ecosystem: 9)

## FCT EVALUATION

Very Good

## KEYWORDS

Applied Mathematics  
Applied Physics  
Electronics, Instrumentation &  
Measurements  
Telecommunications

## ASSOCIATE LABORATORIES



## RESEARCH GROUPS | LINES

DaRTES  
Porto Interactive Center (PIC)  
Shannon Lab



# LAETA

## ASSOCIATE LABORATORY OF ENERGY, TRANSPORTS AND AERONAUTICS

Created in 2006, LAETA is an Associate Laboratory in the fields of Energy, Transportation and Aerospace, which also addresses other emerging fields where its scientific knowledge, grounded on Mechanical, Materials and Aerospace Engineering, can be applied. LAETA's research, ranked as Excellent in the last evaluation performed by FCT, relies on a combination of faculty members from several universities and polytechnic institutes, researchers, PhD and MSc students, and supporting staff. LAETA includes 4 management institutions (INEGI / University of Porto, IDMEC / IST-University of Lisbon, ADAI / University of Coimbra and AEROG / University of Beira Interior), and 30 participating institutions that include other universities, polytechnic institutes, hospitals and municipalities. The core of LAETA is a dynamic, connected community of 267 Integrated Researchers (IRs) and 255 PhD students, located in all regions of continental Portugal. This human capital has been of paramount importance for LAETA's success in the different dimensions of its activity, namely research & development, innovation & technology transfer, knowledge delivery & advanced training, and the support to policy-making and implementation.

**WEBSITE:** [IDMEC.IST.UTL.PT/LAETA/](http://IDMEC.IST.UTL.PT/LAETA/)  
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**COORDINATOR AT U.PORTO**  
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**RESEARCH UNIT FCT FUNDING (20/23)**  
5.9 M € (U.Porto ecosystem: 2.6 M €)

**INTEGRATED RESEARCHERS**  
276 (U.Porto ecosystem: 123)

**FCT EVALUATION**  
Excellent

**KEYWORDS**  
Aerospace Engineering  
Energy  
Mechanical Engineering  
Transports Technology

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Biomechanics  
Energy, Environment & Sustainability  
Intelligent Systems & Control  
Materials & Manufacturing Processes  
Structures & Mechanical Systems



# LEPABE

## LABORATORY FOR PROCESS ENGINEERING, ENVIRONMENT, BIOTECHNOLOGY AND ENERGY

LEPABE is a research unit of the Faculty of Engineering of the University of Porto. Its mission is to develop innovative processes and products to respond effectively to societal challenges, using the basis of chemical and biological engineering to improve the quality of life, in a sustainable and safe way. In fact, LEPABE's activities try to respond to the society's need for new products and energy through sustainable processes, combining eco-efficiency and health concerns with economically sound design and operation. LEPABE's goals focus on research excellence, industrial competitiveness and societal challenges, particularly: Strengthen the excellence in science; Increase knowledge in key technologies, focusing in advanced manufacturing and processing, advanced materials, nanotechnologies and biotechnology, to enhance regional competitiveness of industry of the Northern region of Portugal; Provide solutions to help address major concerns shared by society, making renewable energy more affordable, ensuring food safety, solving emergent problems affecting water and air quality and efficiently recycling industrial residues. Beyond further increasing its international recognition through increasing participation and leadership of European research consortia, LEPABE is also strongly committed with advanced training of young researchers, both in academic and industrial contexts. Its main achievements include: (i) international recognition in Renewable Energy - harvesting, conversion and storage, (ii) remarkable polymer product development and forest-derived materials in collaboration with industries, (iii) excellence in biofilms research; (iv) participation in international and national networks of reference in nanotechnologies and health and (v) cooperation in interfacial areas of environment, modelling and health to tackle emergent problems. LEPABE is active partner in promoting public science policies and for this integrates the recently created ALiCE, Associate Laboratory in Chemical Engineering in a consortium comprised of U.Porto R&D Units: LEPABE, CEFT and LSRE-LCM.

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 2.1 M €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 79

### FCT EVALUATION

Excellent

### KEYWORDS

Biotechnology

Energy

Environment

Materials Engineering

Nanotechnology

Processes Engineering

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Biotechnology

Environmental Sciences & Technologies

Process Systems Engineering

Processes, Products & Energy

Supramolecular Assemblies



# LIACC

## ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE LABORATORY

LIACC is a R&D unit established in 1988, with headquarters at FEUP and a hub at FCUP but which includes researchers from several other higher education institutions such as P.Porto, UFP, IPVC, ISMAI and UAçores. It includes 25 integrated members, 40 collaborators with a PhD and 40 PhD students. The laboratory pursues research mainly on Artificial Intelligence and Computer Science with emphasis on: Complex Systems, Machine Learning, Data Science, Autonomous Agents, Intelligent Simulation, Intelligent Robotics, Natural Language Processing, High-Performance Computing, Declarative Programming and Software Engineering. The R&D at LIACC is developed according to the following Thematic Lines: Health and Wellbeing; Intelligent Cities and Mobility; Innovative and Sustainable Industry/Services; Public Administration and Governance; Infrastructures and Highly Connected Society; Entertainment/Games. The funding and quality of the R&D activities of LIACC has been continuously increasing, taking profit from different sources of funding (FCT, Portugal2020, European, Industry and Public Administration) and attracting new talented researchers. LIACC members are also strongly committed to supervise quality research work leading to very successful PhD and MSc theses. LIACC offers excellent research conditions including newly acquired high-performance computers that extend the computational infrastructure available for its researchers supporting a wide variety of AI projects demanding computer-intensive processes. LIACC offers the appropriate environment for a rich, cooperative, and creative atmosphere demanded by any world-class research.

### WEBSITE: [WEB.FE.UP.PT/~LIACC/](http://WEB.FE.UP.PT/~LIACC/)

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 734 K €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 12

### FCT EVALUATION

Excellent

### KEYWORDS

Artificial Intelligence

Computer Science

Declarative Programming

Intelligent Robotics

Intelligent Simulation

Machine Learning

Multi-Agent Systems

Natural Language Processing

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Complex Systems

Intelligent Simulation

Declarative Programming

High-Performance Computing

Intelligent Robotics

Machine Learning

Natural Language Processing

Software Engineering



## LSRE-LCM

# LABORATORY OF SEPARATION AND REACTION ENGINEERING / LABORATORY OF CATALYSIS AND MATERIALS

LSRE-LCM is a leading national R&D Unit of Chemical Engineering due to its unique approach in dealing with the complexity required to solve problems that involve the production or use of chemicals, fuel, drugs, food, and many other products. It develops cutting-edge processes, catalysts and equipment for safe and sustainable energy and environment applications. The main location of LSRE- LCM is at the University of Porto, Faculty of Engineering, with an external pole at Instituto Politécnico de Leiria. The Mission of LSRE-LCM is to contribute to developing scientific and technological know-how in the Chemical Engineering areas of Separation and Reaction Processes, Product Engineering, Catalysis and Carbon Materials, Thermodynamics and Environmental Engineering. The approach of LSRE-LCM relies on opening new interfaces into strategic fields such as bio-based and natural products, nanotechnology, and synthetic fuels to strengthen its position in these areas. LSRE-LCM integrates the recently created ALICE, Associate Laboratory in Chemical Engineering.

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### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

1.9 M € (U.Porto ecosystem: 1.7 M €)

### INTEGRATED RESEARCHERS

62 (U.Porto ecosystem: 51)

### FCT EVALUATION

Excellent

### KEYWORDS

Catalysis & Carbon Materials Cyclic  
Separation & Reaction Processes  
Product Engineering  
Thermodynamics & Environment

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Catalysis & Carbon Materials  
Cyclic Adsorption Reaction Processes  
Product Engineering  
Thermodynamics & Environment





HEALTH  
SCIENCES

# CIAFEL

## RESEARCH CENTER IN PHYSICAL ACTIVITY, HEALTH AND LEISURE

CIAFEL is a Health Science Research Unit and has as its home institution the Faculty of Sport Sciences and Physical Education at the University of Porto, Portugal. CIAFEL aims to promote basic and applied research on health-related physical activity field, valuing the relationships between physical activity, health and leisure. It promotes research, community intervention and continuous education. CIAFEL comprise expert consultants in the development of global and national strategies, policies, and as office bearers and national representatives on international and national professional organizations. CIAFEL has implemented a number of very good community-based programs as well as some clinical trials.

### WEBSITE: CIAFEL.FADE.UP.PT

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 836 K €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 20

### FCT EVALUATION

Very Good

### KEYWORDS

Aging

Behaviour

Exercise

Health

Interventions

Population



# CINTESIS

## CENTER FOR HEALTH TECHNOLOGY AND SERVICES RESEARCH

CINTESIS is a multicenter Research & Development Unit (R&D) whose mission is to find answers and solutions, in the short term, to relevant health problems, without ever losing sight of the cost-benefit ratio. The unit is based on an organization designed to maximize research interactions and complementarity of expertise among its 27 groups in an environment of efficiency and high performance. Its 704 members (295 integrated PhDs) have a flexible and decentralized management structure, with administrative and technical staff coming from its 8 local management poles (5 universities: the University of Porto, Nova University of Lisbon, University of Aveiro, University of Algarve, University of Madeira; and 1 Polytechnic Institution: Nursing School of Porto); and 46 partner institutions (29 Higher Education institutions, 12 hospitals/health institutions and 5 health companies). CINTESIS is the largest unit of the four that make up the Associate Laboratory RISE – Health Research Network, whose mission is to strengthen health research from the pre-clinical and clinical stages to the community level, bringing together Universities and health care providers under the objectives of the national policy for Science and Technology. CINTESIS aims to promote and integrate basic, clinical, and applied research to accelerate the translational research cycle, namely through improving technology transfer to health and healthcare innovation sectors. It maintains close relations with many international institutions to promote innovative, interdisciplinary, and clinically relevant scientific research in health prevention, diagnosis, management, and treatment. CINTESIS members have launched 8 spin-offs and implemented strategic actions to promote knowledge transference. As a result, CINTESIS achieved research partnerships with private and public sectors (Glintt, Promptly, Marand, Veratech, Euroscm, AgentScape, Gnomon, Ramirez, Central Carnes, Frulact), research services (e.g. Health Cluster Portugal, Novartis, Sanofi Pasteur, UNICER, Astrazeneca, Praxair, OM Pharma, IPO-Porto) and academic entrepreneurship (e.g. U.Porto Spin-Off seal).

### WEBSITE: CINTESIS.EU

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| +351 225 513 622 | cintesis@cintesis.eu

### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

3.3 M € (U.Porto ecosystem: 2.5 M €)

### INTEGRATED RESEARCHERS

295 (U.Porto ecosystem: 117)

### FCT EVALUATION

Very Good

### KEYWORDS

Ageing & Neurodegenerative Diseases  
Clinical and Translational Research  
Decision & Information Technologies  
Health Data  
Nursing  
Pharmacotherapy  
Pharmacovigilance  
Preventive Health & Societal Challenges  
Primary Health Care

### ASSOCIATE LABORATORIES



Health Research Network  
From the Lab to the Community

### RESEARCH GROUPS | LINES

AgeingCluster  
Artificial Intelligence for Health Care  
Biomolecular Medicine and Computational Simulation  
Biostatistics & Intelligent Data Analysis  
Cardiovascular Sciences  
Challenges and Strategies in Health Research  
Clinical Nutrition & Disease Programming  
Cognitive Neurosciences  
Critical Care & Emergency Medicine  
Evidence-Based Decision Making, Research Synthesis and Health Technology Assessment  
Geriatrics & Mental Health  
Health for All  
Health Information Systems & Electronic Health Records  
Health Technology Assessment in Gastrointestinal Oncology  
Healthcare Management & Ethics  
Innovation & Development in Nursing  
Medical Microbiology  
Neuronal Degeneration & Regeneration  
Mental Health Care and Research  
Neuroimaging in Psychiatry & Dementia  
Oncologic Pharmacotherapy  
Patient-centered Innovation & Technologies  
Primary Health Care Research  
Secondary Data for Healthcare Research  
Signal Processing Applications  
Technologies for Education & Simulation in Healthcare  
Therapeutics, Pharmacovigilance & Hypertension Diagnosis





# MEDINUP

## CENTER FOR DRUG DISCOVERY AND INNOVATIVE MEDICINES

MedInUP is a cross-faculty resource hosted by the University of Porto, making use of existing infrastructures and top-rated resources, bringing together scholars with scientific affinities from a broad spectrum of Pharmacological Sciences and Biomedicine. The MedInUP major goal is to identify multidisciplinary disease-oriented research projects leading to cutting edge R&D programmes in drug discovery to bolster pharmaceutical innovation and personalized medicine. This is grounded on synergies created for long between core departments. MedInUP constitutes a highly complementary unit that combines a basic science approach with clinical expertise to address fundamental questions on human diseases. A major strength is the close interaction with major local hospitals (Centro Hospitalar São João and Centro Hospitalar do Porto / Hospital de Santo António), the Institute of Public Health of University of Porto, and a network of clinical research groups PtCRIN (Portuguese Clinical Research Infrastructure Network).

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### COORDINATOR

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 434 K €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 23

### FCT EVALUATION

Good

### KEYWORDS

Biomarkers & Translational Medicine  
Cell Signalling & Bio-imaging  
Drug Discovery & Innovative Medicines

### RESEARCH GROUPS | LINES

Cell Therapy & Regenerative  
Pharmacology  
Drug Discovery, Biomarkers &  
Translational Medicine  
Drug Screening in Cellular & Animal  
Models  
Drug Targeting in Inflammation & Pain  
Innovation in Neuropsychiatric &  
Cardiometabolic Therapies  
Integrative Cell Signalling & Functional  
Bio-imaging



# CIFI2D

## CENTER OF RESEARCH, EDUCATION, INNOVATION AND INTERVENTION IN SPORT



CIFI2D is a research unit hosted in the Faculty of Sport of the University of Porto. CIFI2D develops its activity in the field of Sport Sciences and its interfaces and aims to carry out research and training of researchers in this field, as well as transfer and apply the existing knowledge for the different contexts and crafts of Sport. In this sense, it performs: research in several areas of Sport and related; training of postgraduate students, specialists and technicians; consulting, evaluation and diagnosis in several areas; and services and interventions in the community. The interests of CIFI2D are diverse, ranging from cultural and social issues that shape Sport in its scope, to structural and functional issues associated with the organization, management and evaluation of the specific teaching/learning processes of Sport in different contexts, not forgetting the interactions between the actors. The CIFI2D is also concerned with issues related to the key players in the sports process, seeking to study the variables that allow maximizing the levels of performance, satisfaction and well-being of participants in the sports scene, but also the extent and depth of the benefits of such participation.

### **WEBSITE: FADE.UP.PT/CIFI2D/**

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### **COORDINATOR**

António Manuel Mendonça Fonseca

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### **RESEARCH UNIT FCT FUNDING (20/23)**

U.Porto ecosystem: 382 K €

### **INTEGRATED RESEARCHERS**

U.Porto ecosystem: 45

### **FCT EVALUATION**

Good

### **KEYWORDS**

Education

Health

Performance

Sport

### **RESEARCH GROUPS | LINES**

Biomechanics

Coaching

Education

Game & Performance Analysis

Health

Physiology

Psychology

Sport

**I3S****INSTITUTE FOR RESEARCH  
AND INNOVATION  
IN HEALTH**

The i3S is a Research Unit resulting from a consortium between IBMC, INEB, IPATIMUP and UPORTO, creating an environment of real breakthrough research and translation of discoveries into the clinic. i3S was rated “Excellent” (2019), and it is dedicated to research and innovation in basic, applied and translational Health and Life sciences. It focuses on 3 research programs addressing major challenges as cancer, infectious diseases, neurologic disorders and regenerative medicine. The transdisciplinary nature of the programs allows to address questions on the molecular and cellular basis of living systems, mechanisms underlying disease and the development of novel tools for screening, diagnostic and therapeutic strategies. i3S has 74 research groups, around 900 researchers, publishes about 650 papers a year, has 3 Clinical and Diagnostic platforms that provide cancer, SARS-CoV-2 and neurodegenerative diseases clinical services to the community, 31 active patents, about 100 national and international ongoing projects, and 13 scientific platforms, which provide access to advanced equipment for research in several fields. i3S has several transversal units that assure all management, financial and communication aspects to successfully implement R&D projects. Furthermore, i3S fosters continuous advanced training for scientists and implements annual educational and outreach activities to close the gap between science and society.

**WEBSITE: I3S.UP.PT**

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**COORDINATOR**

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**RESEARCH UNIT FCT FUNDING (20/23)**

U.Porto ecosystem: 12.5 M €

**INTEGRATED RESEARCHERS**

439 (U.Porto ecosystem: 427)

**FCT EVALUATION**

Excellent

**KEYWORDS**

Bioengineering  
Cancer  
Cell Biology  
Host Interaction & Response  
Infection & Immunity  
Neurobiology & Neurologic Disorders

**ASSOCIATE LABORATORIES**

**INSTITUTO DE INVESTIGAÇÃO  
E INOVAÇÃO EM SAÚDE**  
UNIVERSIDADE DO PORTO

**RESEARCH GROUPS | LINES**

Biofabrication	Microenvironments for New Therapies
Biomolecular Structure & Function	Molecular Biomaterials
Cancer Drug Resistance	Molecular Microbiology
Cancer Metastasis	Molecular Neurobiology
Cancer Signalling & Metabolism	Molecular Parasitology
Cell Activation & Gene Expression	NanoBiomaterials for Targeted Therapies
Cell Biology of Bacterial Infections	Nanomedicines & Translational Drug Delivery
Cell Division & Genomic Stability	Nephrology & Infectious Diseases R&D
Cell Division Mechanisms	Nerve Regeneration
Cell Growth & Differentiation	Neuro & Skeletal Circuits
Chromosome Instability & Dynamics	Neuroengineering & Computational Neuroscience
Cytoskeletal Dynamics	Neurolipid Biology
Cytoskeletal Regulation & Cancer Differentiation & Cancer	Neuronal Networks
Epithelial Interactions in Cancer	Organelle Biogenesis & Function
Epithelial Polarity & Cell Division	Pain Neurobiology
Expression Regulation in Cancer	Parasite Disease
Fish Immunology & Vaccinology	Phenotypic Evolution
Gene Regulation	Population Genetics & Evolution
Genetic Diversity	Reproductive Genetics & Embryo-fetal Development
Genetics of Cognitive Dysfunction	Stem Cells & Neurogenesis
Glial Cell Biology	Stem Cells in Regenerative Biology & Repair
Glycobiology in Cancer	Structural Biochemistry
Hematopoiesis & Microenvironments	Synapse Biology
Host Targets of Infection	Thymus Development & Function
Host-Parasite Interactions	Translational NeuroUrology
Immune Regulation	Tumour & Microenvironment Interactions
Immune Sensing & Signaling Dynamics	UniGENE
Immunobiology	Vertebrate Development & Regeneration
Immunology	Yeast Signalling Networks
Cancer Glycomedicine	
Intercellular Communication & Cancer	
Iron & Innate Immunity	
Laboratory Animal Science	
Macromolecular Structure	
Metabesity	
Microbes & Cancer	



# EPIUNIT

## EPIDEMIOLOGY RESEARCH UNIT

EPIUnit was born from the need to place research in Epidemiology on the path of outstanding science developed in Portuguese R&D units. EPIUnit is nurtured by a multidisciplinary team of researchers that covers population, clinical and translational aspects of Epidemiology, in a research environment with a strong metric and qualitative component. It aims at elucidating preventable causes of non-communicable diseases. In particular, the occurrence of such common scourges as obesity, diabetes, heart failure, cancer, musculoskeletal pain and psychiatric and neurological diseases. Infectious diseases are also a focus of research, namely, HIV, tuberculosis, and the dynamics of emerging pathogens. It aims the understanding on how socioeconomic, demographic, psychological, behavioural and environmental characteristics intertwine in producing health experiences and health outcomes of individuals and populations and to explore diverse modes of governance, health regulation and clinical practices based on new public health concepts, such as solidarity, public engagement and literacy. So far, EPIUnit has been able to consolidate unique epidemiological research infrastructures: Population cohorts and Biobank, to design and coordination of the first National Dietary and Physical Activity Survey, to produce scientific evidence for socioeconomic position as a major determinant of health and mortality, and to produce about 300 publications/year in international scientific journals.

### WEBSITE: [ISPUP.UP.PT/EN/EPIDEMIOLOGY-RESEARCH-UNIT-EPIUNIT](http://ISPUP.UP.PT/EN/EPIDEMIOLOGY-RESEARCH-UNIT-EPIUNIT)

Institute of Public Health [ISPUP]

| +351 222 061 820 | [epiunit@ispup.up.pt](mailto:epiunit@ispup.up.pt)

### COORDINATOR

José Henrique Dias Pinto de Barros

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.5 M €

### INTEGRATED RESEARCHERS

90 (U.Porto ecosystem: 48)

### FCT EVALUATION

Excellent

### KEYWORDS

Epidemiology

Life course

Outcomes research

Public Health

### ASSOCIATE LABORATORIES



LABORATORY FOR INTEGRATIVE  
AND TRANSLATIONAL RESEARCH  
IN POPULATION HEALTH



### RESEARCH GROUPS | LINES

Genetic, Behavioural & Environmental  
Determinants of Health & Disease  
Life Course Research & Healthy Ageing  
Patient & Population Outcomes Research  
Syndemics, Health Inequalities &  
Vulnerable Populations

# UNIC CARDIOVASCULAR RESEARCH AND DEVELOPMENT CENTER

UnIC was created in 1994 with the purpose of filling the gap in translational research in cardiovascular disease (CVD). CVD is a highly relevant medical and socio-economic research topic since it is the first cause of death globally and one of the main causes of impaired quality of life, particularly amongst the elderly. Since its inception, UnIC has been able to contribute substantially to research and to scientific and technological development in CVD, namely by randomized controlled clinical trials and prospective clinical studies, as well as further technological development and biotechnology application in translational research to optimize patient care. UnIC includes researchers from several Departments of the Faculty of Medicine of the University of Porto, Centro Hospitalar e Universitário de S. João, Centro Hospitalar Gaia/Espinho and other Hospitals, combining basic and clinical sciences to achieve a solid translational and integrative perspective, in a bench to bedside and back again approach. Thus, UnIC relies on the strong collaboration between researcher physicians from multiple medical specialties related to cardiovascular medicine such as cardiology, cardiac and vascular surgery, internal medicine, endocrinology and anesthesiology, and biologists, biochemists, engineers, statisticians, and other professionals fully committed to CVD research. A dynamic research structure was established, fostering national and international collaborations, either with academia or with industry, which enables a self-sustainable strategy. UnIC is also devoted to scientific initiation of young students and advanced education, training graduation students and providing last year graduation or master degree projects. Furthermore, UnIC hosts several postgraduation courses as well as the Doctoral Program in Cardiovascular Sciences and the Master Degree in Cardiovascular Pathophysiology. To improve population awareness on CVD and cardiovascular research, UnIC is committed to outreach and scientific dissemination actions, through its participation in educational projects directed to the public and partnerships with local authorities.

## WEBSITE: UNIC.MED.UP.PT

Faculty of Medicine [FMUP]  
| +351 225 513 644 | unic@med.up.pt

## COORDINATOR

Joaquim Adelino Leite Moreira  
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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.3 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 51

## FCT EVALUATION

Excellent

## KEYWORDS

Cardiovascular Diseases  
Cardiovascular Pathophysiology & Therapeutics  
Clinical & Translational Research  
Heart Failure  
Medical & Postgraduate Education

## ASSOCIATE LABORATORIES



Health Research Network  
From the Lab to the Community

## RESEARCH GROUPS | LINES

Heart Failure  
Ischaemic Coronary Heart Disease & Atherosclerosis  
Myocardial Remodelling & valvular Heart Disease  
Pulmonary Hypertension & Right Ventricular Function  
Technological & Applied Cardiovascular Research



# UMIB

## UNIT FOR MULTIDISCIPLINARY RESEARCH IN BIOMEDICINE

UMIB is based at the School of Medicine and Biomedical Sciences (ICBAS), University of Porto and the Centro Hospitalar da Universidade do Porto (CHUP). UMIB ultimate main aim is to achieve innovation and scientific progress to improve human health, focusing on the study of high impact diseases and disorders based on its prevalence, morbidity or mortality. UMIB research is mostly triggered by the need to find answers to questions arising from every day clinical practice and uses a translational approach to unravel the unknowns towards improved health-care outcomes. UMIB is dedicated to translation and clinical research on epidemiology, disease mechanisms, identification of biomarkers and targeted therapies for human diseases grounded on four main pillars: Hereditary and Genetic Diseases; Metabolic, Cardiovascular and Endocrine Disorders; Immunity, Infection and Inflammation; Oncology and Oncobiology. Despite each research team is dedicated to the study of diseases of epidemiological relevance in their specific area of interest, there is a considerable overlap and some research projects result from a more transversal approach that feeds from various disciplines and benefits from the collaboration of the different research teams within the unit. As a whole, UMIB covers a broad spectrum of medical conditions through a translational approach dedicated to speeding the process clinical refinement.

**WEBSITE: [ICBAS.UP.PT/UMIB/](http://ICBAS.UP.PT/UMIB/)**  
School of Medicine and Biomedical Sciences [ICBAS] | +351 220 428 103

**COORDINATOR**  
Ídia Mariana Pereira Monteiro  
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**RESEARCH UNIT FCT FUNDING (20/23)**  
U.Porto ecosystem: 946 K €

**INTEGRATED RESEARCHERS**  
U.Porto ecosystem: 56

**FCT EVALUATION**  
Very Good

**KEYWORDS**  
Mechanisms of Disease  
Multidisciplinary Research  
Personalized Medicine  
Prognostic Biomarkers  
Targeted Therapies  
Translational Medicine

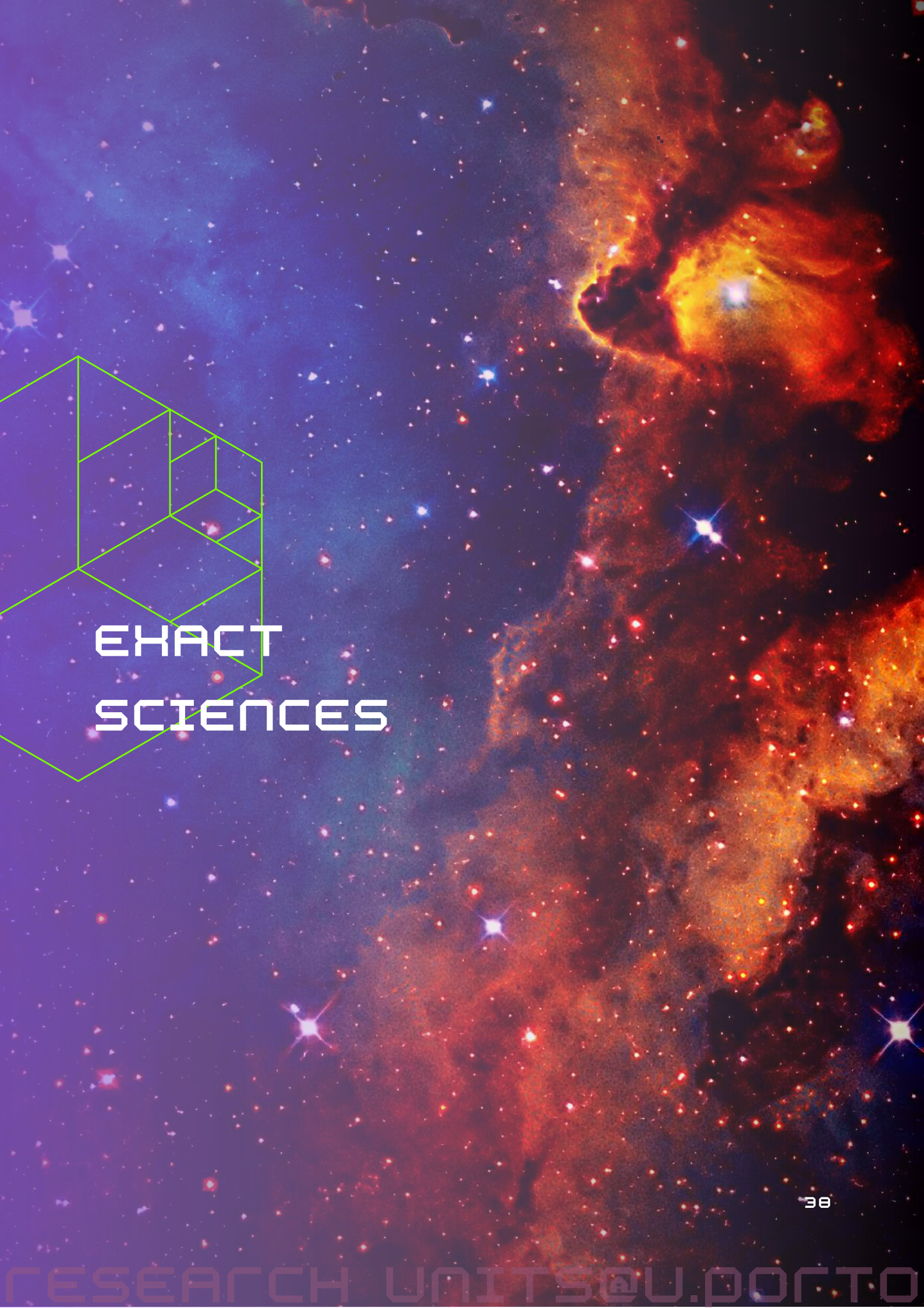
### ASSOCIATE LABORATORIES

 **LABORATORY FOR INTEGRATIVE  
AND TRANSLATIONAL RESEARCH  
IN POPULATION HEALTH**

### RESEARCH GROUPS | LINES

Autoimmunity & Neurosciences  
Biology & Genetics of Reproduction /  
Molecular & Cellular Medicine (MCM)  
Cardiovascular Research  
Clinical & Experimental Human  
Genomics  
Endocrine & Metabolic Research  
Immunology of Infection  
Nephrology, Dialysis & Transplantation  
Oncology Research





**EXACT  
SCIENCES**

# CF-UM-UP

## PHYSICS CENTER OF MINHO AND PORTO UNIVERSITIES

The Physics Center of Minho and Porto Universities (CF-UM-UP) began in 2014 and comprises the Centro de Física da Universidade do Minho (CFUM) and the Centro de Física do Porto (CFP), two formerly existing research units, recognized and evaluated by the FCT. The two Centres agreed in joining their forces and forming a comprehensive research centre in the broad area of Pure and Applied Physics. This union is supported by a Protocol signed by the Rectors of two universities. The partnership aims at building new strategies in order to perform high quality research, both fundamental and applied, in Physics and adjacent areas. CF-UM-UP's scientific activity involves both theoretical and experimental studies, as well as development for applications. The main goal of the CF-UM-UP as a whole is to perform internationally competitive research in several areas of Physics, fundamental and applied, linked to other disciplines of natural sciences and engineering, with strong international links and relevant, as far as possible, at the local level. CF-UM-UP has a critical mass of highly qualified researchers and aims at keeping equilibrium between applied and fundamental research and being the base for advanced training in Physics and adjacent areas, in the North of Portugal.

### WEBSITE: CF-UM-UP.PT

Faculty of Sciences [FCUP]

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### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

1.9 M € (U.Porto ecosystem: 373 K €)

### INTEGRATED RESEARCHERS

72 (U.Porto ecosystem: 11)

### FCT EVALUATION

Very Good

### KEYWORDS

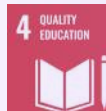
Condensed Matter Physics  
Materials & Nanostructures  
Functional Surfaces & Coatings  
Molecular Physics & Biophysics  
Optics & Vision Sciences  
High Energy Physics, Gravitation & Cosmology

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Assessment & Enhancing Visual Performance  
Physics of Quantum Materials & Bionanostructures  
Functional & Smart Materials & Surfaces For Advanced Applications  
Quantum Physics & Fields in High Energy & Condensed Matter Theory





# CICGE CENTRE FOR RESEARCH IN GEOSPACE SCIENCE

In 1975, researchers from the Astronomical Observatory from the Porto University decided to start a Centre of Astronomy. Linked to the course on Survey Engineering, it inherited a series of scientific instruments dedicated to measuring local time and astrometry. In 1979, through a joint collaboration with France, António Magalhães, a researcher from this unit, built the first Portuguese radio telescope. With the advancement of space exploration, the centre started to include researchers from areas linked to Earth Observation, and in 1998 the unit name was changed to Centre for Research in Geo-Space Sciences in order to reflect the broadening of its scope. Its main mission is to actively participate in research applied to space sciences and their application to the Earth environment. Active areas of research at CICGE include Heliophysics, Remote Sensing, Geographic Information Systems, and Spatial Biology. CICGE works towards the development of national capacities and skills to study the Earth and the near-Earth environment through scientific research, innovation, and education of young Portuguese students. CICGE aims at participating and leading national and international programs and projects, securing the participation of Portugal in Space Situational Awareness (SSA) and Earth Observation (EO) programs.

## WEBSITE: [FC.UP.PT/CICGE](https://fc.up.pt/cicge)

Faculty of Sciences [FCUP]

| +351 220 402 700

## COORDINATOR

Dalmiro Jorge Filipe Maia

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 178 K €

## INTEGRATED RESEARCHERS

12 (U.Porto ecosystem: 3)

## FCT EVALUATION

Good

## KEYWORDS

Earth Observation

Heliophysics

Natural Risk Assessment

Radioastronomy

Space Situational Awareness

Spatial Biology

## RESEARCH GROUPS | LINES

ISMAI Laboratory

Natural Risk Assessment Laboratory

Solar Radioastronomy &

Heliophysics Laboratory

Spatial Biology Laboratory



# CIQUP

## CHEMISTRY RESEARCH UNIT OF UNIVERSITY OF PORTO

CIQUP is a research center in chemistry located at the Department of Chemistry and Biochemistry of University of Porto. It is mainly an experimental R&D unit, with an established reputation in Portugal. Solid international acclaim has been obtained for its relevant contributions in: molecular and supramolecular thermodynamics; electroanalytical and interfacial chemistry; chemi- and bioluminescence; chemical/biochemical sensing; nanochemistry and nanomaterials; ionic liquids; medicinal chemistry; physical chemistry of self-organized systems; excited state reactivity dynamics. CIQUP is also committed to chemical education and dissemination and promotion of research findings. Since its foundation, about four decades ago, CIQUP has been continuously evolving to reach its present status as a broadly recognized research unit of excellence in chemistry. The mission of CIQUP is to attain excellence in chemistry, both in research activity and in advanced training of human resources and to contribute to disseminate chemical knowledge.

### WEBSITE: [FC.UP.PT/CIQUP](http://FC.UP.PT/CIQUP)

Faculty of Sciences [FCUP]

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### COORDINATOR

António Fernando Sousa da Silva

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.5 M €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 52

### FCT EVALUATION

Excellent

### KEYWORDS

Bioactive Compounds

Drug Discovery

Interfaces

Nanostructuration

Science Communication

Thermodynamics

### ASSOCIATE LABORATORIES

**IMS** Institute of  
Molecular  
Sciences

### RESEARCH GROUPS | LINES

Education, Science Communication  
& Society

Medicinal Chemistry

Molecular & Supramolecular

Thermodynamics

Nanostructures & Self-organization

Physical Analytical Chemistry &

Electrochemistry



# CMUP

## CENTRE OF MATHEMATICS OF THE UNIVERSITY OF PORTO

CMUP is among the leading research centres in Portugal. It has been classified as "Excellent" in all evaluation rounds of the funding agency (FCT) since 2004, having received the maximum possible score in all items of FCT's last assessment. CMUP has active collaborations with institutions worldwide and CMUP members regularly obtain external funding for a significant number of research projects. CMUP has recently integrated the Intelligent Systems Associate Laboratory (LASI), a consortium of research units with expertise in artificial intelligence and data science. CMUP has 64 integrated researchers (with PhD), including 3 FCT researchers, 8 contract researchers and 5 postdoctoral fellows. CMUP supports 3 PhD programs and hosts roughly 20 PhD students. CMUP promotes: regular seminars and visits by outside researchers; work visits to other research institutions and participation in scientific meetings; the hosting of international meetings; a stimulating scientific environment for post-Doc researchers and PhD students.

### WEBSITE: CMUP.PT

Faculty of Sciences [FCUP]

| +351 220 402 106

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### COORDINATOR

Samuel António Dias Lopes

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.8 M €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 64

### FCT EVALUATION

Excellent

### KEYWORDS

Applied Mathematics

Artificial Intelligence

Dynamical Systems

Geometry

Mathematics

Semigroups

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Algebra

Analysis

Geometry

Probability & Statistics





IA

# INSTITUTE OF ASTROPHYSICS AND SPACE SCIENCES

IA is a research infrastructure with a national dimension, embodying a bold vision for the development of Astronomy, Astrophysics and Space Sciences in Portugal. It results from the merging, in 2015, of the two most prominent research units in the field in Portugal: the Centro de Astrofísica da Universidade do Porto (CAUP) and the Centro de Astrofísica e Astronomia da Universidade de Lisboa (CAAUL). Currently the institute is the largest research unit of this area in Portugal, being responsible for the majority of the national productivity in international ISI journals in the area of Space Sciences. This is one of the scientific areas with the highest relative impact factor and highest average number of citations per article for Portugal. The mission of the IA is to foster research with the highest impact in the field of astrophysics and space sciences and to support teaching and training of young researchers and students in close collaboration with the Universities of Lisbon, Porto and Coimbra. It also aims to promote wide-ranging science communication activities that enhance public understanding of the Universe and our place in it, as well as awareness of the importance of research in this field.

## WEBSITE: IASTRO.PT

Centre for Astrophysics [CAUP]

| +351 226 089 830 | geral@astro.up.pt

## COORDINATOR AT U.PORTO

Jarle Brinchmann

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## RESEARCH UNIT FCT FUNDING (20/23)

2 M € (U.Porto ecosystem: 1.1 M €)

## INTEGRATED RESEARCHERS

65 (U.Porto ecosystem: 32)

## FCT EVALUATION

Excellent

## KEYWORDS

Astronomical Instrumentation  
& Space Systems  
Astronomy & Astrophysics  
Galaxies & Cosmology  
Science Communication  
Stars & Planets

## RESEARCH GROUPS | LINES

Astronomical Instrumentation & Systems  
Cosmology  
Galaxies  
Planetary Systems  
Science Communication  
Towards a Comprehensive Study of Stars



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**IFIMUP**

**INSTITUTE OF PHYSICS FOR  
ADVANCED MATERIALS,  
NANOTECHNOLOGY AND  
PHOTONICS**

IFIMUP has a long tradition and is internationally recognized for its fundamental research on the physics of advanced materials with significant scientific and technological impact, through the detailed, accurate and systematic characterization of a wide range of physical properties over extended ranges of temperature, magnetic and electric fields. The research activity covers the Physics of Transition Metal Oxides, Polarizable Materials, Magnetic Materials, Ferroelectrics and related Materials, Multiferroics and Magnetolectrics, Colossal magnetoresistance compounds and Oxide Conductors. The scientific activity has also extended to the use of non-invasive spectroscopic techniques (Raman, SERS) for biomedical purposes. IFIMUP research strategy relies on the study of quantum, nanostructures and advanced materials behavior under broad ranges of temperature, intense electric/magnetic fields, high pressure, aiming their usage in energy related applications, electronics and magneto-electronics, computing and photonics. The institute has also extended experience and experimental facilities to study dynamic properties of matter namely at RF/microwave (sub-ns) and ultrafast dynamics (fs) timescales, having excellent facilities for ultrafast laser pulse generation and applications. IFIMUP provides excellent training in its core areas: materials and nanostructures characterization, cryogenics, high field technologies and ultrafast spectroscopies, attaining full employability in Academia and Industry.

**WEBSITE: IFIMUP.UP.PT**

Faculty of Sciences [FCUP]  
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**COORDINATOR**

João Pedro Esteves de Araújo  
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**RESEARCH UNIT FCT FUNDING (20/23)**

U.Porto ecosystem: 871 K €

**INTEGRATED RESEARCHERS**

U.Porto ecosystem: 30

**FCT EVALUATION**

Excellent

**KEYWORDS**

Advanced Energy Materials Extreme  
Condition@NECL-Nuclear  
Methods@ISOLDE-CERN  
Materials & Photonics for  
Biomedicine  
Multifunctional Nanostructures  
Quantum Materials  
Ultrafast Photonics & Spectroscopy

**ASSOCIATE LABORATORIES**



**RESEARCH GROUPS | LINES**

Multifunctional Magnetic Materials &  
Nanostructures  
Physics-Education & Dissemination  
Polarisable Materials &  
Magnetolectric Nanostructures  
Ultrafast Lasers & Magnetodynamics  
Spectroscopies



# LAQV/REQUIMTE ASSOCIATED LABORATORY FOR GREEN CHEMISTRY

LAQV/REQUIMTE is the Portuguese Research Centre for Sustainable Chemistry, a key component of an imperative World Sustainable Development. Following a vision of a world in which Sustainable Chemistry is used as a powerful and dynamic tool to tackle the challenges of modern life, the mission of LAQV is to initiate, advance, and promote its principles through research, networking, training, and outreach activities. In the present configuration, it spreads out from the two main national metropolitan areas of Lisbon and Porto to integrate Aveiro, Coimbra, Évora, and small sites all over the country. LAQV embraces 1088 researchers, including 484 PhD holders, who are currently pushing the boundaries of Sustainable Chemistry and Chemical Engineering to provide sustainable and practical solutions for governments, industry, and the general public. LAQV research crosses the fields of Chemical Synthesis and Catalysis, Food Science and Technology, Natural Products, Analytical Methods, Intensification of Processes and Clean Technologies, Alternative Solvents, and Smart Materials.

## WEBSITE: LAQV.REQUIMTE.PT

Network of Chemistry and Technology [REQUIMTE] | [laqv@requimte.pt](mailto:laqv@requimte.pt)

## COORDINATOR

Baltazar Manuel Romão Castro  
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## RESEARCH UNIT FCT FUNDING (20/23)

8.5 M € (U.Porto ecosystem: 4.4 M €)

## INTEGRATED RESEARCHERS

350 (U.Porto ecosystem: 156)

## FCT EVALUATION

Excellent

## KEYWORDS

Analytical Chemistry  
Clean Chemical Processes  
Environmentally Sustainable Chemistry  
Food Science & Technology  
Materials Science  
Water  
Food & Energy nexus

## ASSOCIATE LABORATORIES

**LAQV**  
**requimte**

LABORATÓRIO ASSOCIADO  
PARA A QUÍMICA VERDE

## RESEARCH GROUPS | LINES

(Bio)Chemistry & Omics  
Analytical Development  
Bio(chemical) Process Engineering  
Cultural Heritage & Responsive Materials  
Environmental Chemistry  
Food Quality & Technology  
High Performance Computing in Molecular Modelling  
Materials for Sustainability & Wellness  
Molecular Synthesis  
Nanoplatforms for Life  
Natural Products – Chemistry & Bioactivity





NATURAL  
SCIENCES

# CECA

## CENTER FOR THE STUDY OF ANIMAL SCIENCE

A multidisciplinary unit that integrates the ICETA at the University of Porto. CECA was founded in 1993, as the first unit integrating ICETA-UP, to protect public health by developing activities aiming the integration of Human Medicine and Veterinary Medicine according to the One Health Initiative. Activities related to bovine neosporosis, a reproductive disease; salmonellosis, or toxoplasmosis, as zoonosis; antibiotic resistance; nerve, vascular, muscle and bone regeneration, combining innovative biomaterials with autologous/allogeneic cell-based therapies; cancer associated with helminths infection or inherited metabolic diseases beneficiate of specific domains of expertise in Microbiology, Immunology, Pathology, Oncology, Genetics, Gene Cloning & Expression allocated into four Research Groups and six thematic lines. Strategic aims: To advance into the comprehension of biological systems by accelerating biomedical research discoveries, improving new tools for diagnosis and therapeutic control of animal and human diseases, expanding the scientific knowledge base, and improving medical education in order to enhance public health efficacy.

### WEBSITE: [CECAICETAUP.WIXSITE.COM](http://CECAICETAUP.WIXSITE.COM)

Institute of Sciences, Technologies and Agroenvironment [ICETA]

| +351 220 408 860 | [iceta@iceta.up.pt](mailto:iceta@iceta.up.pt)

### COORDINATOR

José Manuel Costa

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### RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 934 K €

### INTEGRATED RESEARCHERS

U.Porto ecosystem: 49

### FCT EVALUATION

Excellent

### KEYWORDS

Antibiotic Resistance  
Biotechnology of the Animal Reproduction  
Emergent Zoonosis  
Experimental Surgery &  
Regenerative Medicine  
Helminth Infections Induced Cancers

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Biotechnology in Animal Science  
Emergent & Zoonotic Infectious  
Diseases  
Experimental Surgery & Regenerative  
Medicine  
Inherited Metabolic Diseases in  
Humans & Animals





# CIIMAR INTERDISCIPLINARY CENTRE OF MARINE AND ENVIRONMENTAL RESEARCH

CIIMAR is a leading research and advanced training institution of the University of Porto, working at the frontier of Ocean Knowledge and Innovation. The CIIMAR mission is to promote transdisciplinary research, technological development, and training, contributing to advances in scientific knowledge and sustainability of the marine and coastal environments. CIIMAR develops world-class research, providing innovative solutions towards the ocean's sustainability, driving oceans' value to tackle tomorrow's societal needs. CIIMAR fields of expertise cover three research domains: Global Changes and Ecosystem Services, Aquaculture and Seafood Quality, and Marine Biotechnology, addressing important economic and societal challenges and contributing to achieving UN Sustainable Development Goals. To deliver its mission and build a shared understanding and valorisation of the ocean, CIIMAR is strongly involved in partnerships, public engagement, and literacy. CIIMAR publishes annually more than 500 ISI publications (65% Q1) and supports over 100 PhD and MSc theses in European and national training programmes. The Centre features well-equipped facilities for research, innovation, technology transfer, training, education and services, and houses a complementary network of Technology Platforms made available to the national and international community. These include, for example, a Culture Collection (LEGE CC) of more than 1000 cyanobacterial and microalgae strains registered at the World Federation of Culture Collections, and an aquaculture and animal experimentation facility approved by the Portuguese Veterinary Authority. CIIMAR integrates research infrastructures of national and European relevance: EMBRC-ERIC, EMSO-ERIC, Pt-mBRCN/MIRRI-PT, PT-OPENSREEN and Bio.DATA.PT.

## WEBSITE: CIIMAR.UP.PT

Interdisciplinary Centre of Marine and Environmental Research | +351 223 401 800  
| secretariado@ciimar.up.pt

## COORDINATOR

Vitor Manuel Oliveira Vasconcelos  
| vmvascon@fc.up.pt

**RESEARCH UNIT FCT FUNDING (20/23)**  
4.2 M €

**INTEGRATED RESEARCHERS**  
220 (U.Porto ecosystem: 155)

**FCT EVALUATION**  
Excellent

## KEYWORDS

Bioresources & Blue Biotechnology  
Circular Economy & Blue Growth  
Conservation & Sustainable  
Management of the Ocean  
Sustainable Aquaculture & Seafood  
Safety

## ASSOCIATE LABORATORIES

**CIMAR**  
Laboratório Associado

## RESEARCH GROUPS | LINES

Biology, Aquaculture & Seafood Quality  
Global Changes & Ecosystems Services  
Marine Biotechnology



# GREENUPORTO RESEARCH CENTER IN SUSTAINABLE AGRI-FOOD PRODUCTION

The mission of GreenUPorto is to contribute to the scientific and technological development and to the knowledge transfer in the field of agronomy, food and environmental sciences, promoting an innovative and a sustained growth of this sector. In the context of a smart specialization, GreenUPorto is the first Portuguese Research Centre mainly focused on the horticulture value chain (with a special emphasis on fruits, vegetables, ornamentals and viticulture) both in open-air production systems and under protected cultivation. The preservation of the quality of soils and of agri-ecosystems is also a key priority. Benefiting from excellent infrastructures (research laboratories, plant growth chambers, sensory analysis rooms, greenhouses and agricultural fields) located in two poles of the Faculty of Sciences – Vairão and Campo Alegre – GreenUPorto joins a multidisciplinary team of integrated researchers with complementary expertise's in plant physiology, plant nutrition, molecular biology, postharvest, biotechnology, human nutrition, consumer perception, soil and water ecotoxicology and ecology - both at fundamental and applied level.

## WEBSITE: [FC.UP.PT/GREENUPORTO](https://fc.up.pt/greenuporto)

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## COORDINATOR

Ruth Maria de Oliveira Pereira

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 943 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 29

## FCT EVALUATION

Excellent

## KEYWORDS

Biotechnology  
Environment Quality  
Horticulture

## ASSOCIATE LABORATORIES



## RESEARCH GROUPS | LINES

Environmental Quality & Risk Assessment  
Plant Biology, Production & Postharvest Processing, Valorisation, Consumption & Human Nutrition



ICT is a research unit created in 2014 with members that were previously associated to the Centre of Geology of University of Porto (CGUP) and to the Évora Geophysics Centre (CGE). ICT mission is to develop exceptional-quality research, promote technological development and support public policies in Earth Sciences. The ICT aims to contribute for the development of scientific research and national scientific policy in the earth sciences domain; to develop programmes and projects of scientific research and technological progress; to cooperate with other institutions through scientific exchanges; to publicize the results obtained by the research and by the technological development; to develop training of young researchers at the post-graduation level, and to promote scientific and technological literacy to students and general public. ICT is a multidisciplinary institution organized into six research groups covering major areas of Earth Sciences, comprising a wide range of scientific expertise and a high laboratory intensity level justified by the facilities allocated to their activities. ICT is fully committed to the 17 UN SDG (Agenda 2030) and the Portuguese RIS3 as well as in promoting gender inclusion and diversity.

**WEBSITE: ICTERRA.PT**

Faculty of Sciences [FCUP]

| +351 220 402 489 | [ict.porto@fc.up.pt](mailto:ict.porto@fc.up.pt)

**COORDINATOR AT U.PORTO**

Helena Sant'ovaia Mendes da Silva

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**RESEARCH UNIT FCT FUNDING (20/23)**

1.8 M € (U.Porto ecosystem: 622 K €)

**INTEGRATED RESEARCHERS**

96 (U.Porto ecosystem: 22)

**FCT EVALUATION**

Very Good

**KEYWORDS**

Atmosphere & Climate

Energy

Environment

Geoheritage & Geosciences Education

Geological Resources & Geomaterials

Lithosphere Dynamics

**RESEARCH GROUPS | LINES**

Atmospheric Sciences, Water & Climate

Energy

Environmental Monitoring &

Remediation for Sustainability

Geoconservation & Geoscience

Education

GeoResources & Geomaterials

Lithosphere Dynamic

# INBIO

## RESEARCH NETWORK IN BIODIVERSITY AND EVOLUTIONARY BIOLOGY

InBIO is an Associate Laboratory resulting from a partnership between the Research Centre in Biodiversity and Genetic Resources - CIBIO, and the Centre of Applied Ecology 'Prof. Baeta Neves' of the University of Lisbon - CEABN. InBIO's mission is to develop world-class research in the field of biodiversity and evolutionary biology. Research at InBIO aims to advance knowledge on the origins and maintenance of biodiversity, and to apply this knowledge to address societal challenges related to climate and land use changes, environmental degradation, the loss and sustainable use of biodiversity and agrobiodiversity, and the management, restoration and sustainable use of ecosystems and ecosystem services. InBIO is strongly committed to promote advanced training and to communicate and disseminate science and improve public awareness, appreciation and understanding of biodiversity. Researchers have access to complete lab facilities and field equipment, including modern genetic and genomic labs. Researchers are organized in 35 Research Groups, which are organized in 3 Thematic Lines.

### WEBSITE: INBIO-LA.PT

Research Centre in Biodiversity and Genetic Resources [CIBIO] | +351 252 660 411  
| [cibio.up@cibio.up.pt](mailto:cibio.up@cibio.up.pt)

### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

5 M € (U.Porto ecosystem: 4.1 M €)

### INTEGRATED RESEARCHERS

200 (U.Porto ecosystem: 156)

### FCT EVALUATION

Excellent

### KEYWORDS

Biodiversity  
Conservation Biology  
Evolutionary Biology  
Genomics  
Global change  
Landscape Ecology & Planning

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Biodiversity, Ecology & Conservation:  
LACOS21, Sociality, Ave, Bateco, BE  
Boisle, Bideserts, Marchange, Move  
Phenevol, Theoeco, Tropibio  
Evolution, Genetics & Genomics:  
AP, Archgen, Bioinformatics, Ecogen  
Evolgen, Evochange, Humanevol,  
IMED, Agrigenomics, MDE, M&ID,  
Plantbio, Plantevol, PlantN  
Sustainability, Ecosystems & The  
Environment:  
Applecol, Agrodiv, Envarch, InvasionS,  
LPDM, Ecochange



# UCIBIO

## APPLIED MOLECULAR BIOSCIENCES UNIT

UCIBIO is formed by the collaborative efforts of researchers from the Universities of Porto and NOVA of Lisbon. The host institution is REQUIMTE, a non-profit scientific association between the two Universities. UCIBIO combines key expertise in Chemistry and Biological Sciences with an ambitious strategic plan to maximize its national and international impact in terms of scientific productivity, advanced training and translation to society. In the national context, UCIBIO's key strength lies on its broad scope of fundamental and applied research, standing at the interface of Chemistry, Biology and Engineering to address pertinent questions at atomic, molecular, sub-cellular and cellular levels, including cell-to-cell interactions and population evolutionary dynamics. The UCIBIO's Strategic Scientific Plan is built around 6 general goals: Produce and disseminate high quality research; Increase the societal impact of the basic and applied research developed; Strengthen existing training programs and activities and offer new ones; Secure increased funding and internationalization; Fortify the translation of Biomolecular research to industry and society; Expand communication to the general public. To fulfil its strategic goals, UCIBIO's research is centered on four Thematic Lines - Biological and Biomolecular Interactions, Diagnostics, Drug Discovery and Development, Safety in Human and Environmental Health, Nanobioengineering.

### WEBSITE: UCIBIO.PT

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### COORDINATOR AT U.PORTO

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### RESEARCH UNIT FCT FUNDING (20/23)

3.4 M € (U.Porto ecosystem: 1.5 M €)

### INTEGRATED RESEARCHERS

130 (U.Porto ecosystem: 33)

### FCT EVALUATION

Excellent

### KEYWORDS

Biomolecular Interactions  
Diagnostics & Therapeutics  
Drug Discovery & Development  
Environmental Bioengineering  
Health & Environmental Safety  
Nanobiotechnology

### ASSOCIATE LABORATORIES



### RESEARCH GROUPS | LINES

Bioengineering (BENG)  
Disease pathways & biomarkers (DPB)  
Medicines & healthcare products  
(MEDTECH)  
Molecular microbiology & genomics  
(MMG)  
Nanoimmunotech (NIT)  
Structural molecular biology (SMB)  
Theoretical & computational  
biosciences (TCB)  
Toxicology (TOXI)





**SOCIAL  
SCIENCES**

**CEF.UP**

# CENTER FOR ECONOMICS AND FINANCE AT THE UNIVERSITY OF PORTO

cef.up is an independent research center located in the Faculty of Economics, University of Porto (FEP), which mission is to carry out theoretical and empirical research in the fields of Economics, Finance and Management. cef.up has 3 main strategic aims: (i) to push the frontier of knowledge by generating breakthrough theoretical, applied and methodological research on Economics and Management, recognized by its high innovative nature; (ii) to have a significant impact in academia and society by disseminating the results of the research in academic settings, political decision arenas and to a wider audience in the private and public sectors; and (iii) to educate and give state-of-the-art competencies to a new generation of young researchers. cef.up hosts the Doctoral Program of the University of Porto in Economics and the Doctoral Program of the University of Porto in Management.

## WEBSITE: CEFUP.FEP.UP.PT

Faculty of Economics and Management [FEP]

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## COORDINATOR

Manuel António Mota Freitas Martins

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.2 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 48

## FCT EVALUATION

Very Good

## KEYWORDS

Economics

Finance

Macroeconomics

Management

Methods

Microeconomics



## RESEARCH GROUPS | LINES

Macroeconomics & Growth

Markets & Industrial Organization

Organization & Management

Theory & Methods

# CEGOT CENTRE OF STUDIES IN GEOGRAPHY AND TERRITORIAL PLANNING

CEGOT is a non-profit research and development unit whose main goal is to pursue, advance and share scientific knowledge in the areas of social and economic geography and earth and related environmental sciences. More specifically, CEGOT develops state-of-the-art research in: geomorphology, climatology and hydrologic dynamics; environmental landscape dynamics; natural risks; physical support in spatial planning; economic geography; competitiveness and innovation; urban geography and spatial planning; health geography; tourism; and spatial dynamics and development. The Centre is constituted of members of the Geography Departments of two host universities in Central and Northern Portugal: Coimbra, and Porto. CEGOT pursues a set of general objectives: to promote scientific knowledge, considering recent territorial dynamics and the potential of spatial planning in development to stimulate cooperation at several levels, developing projects, producing articles/other publications, organizing advanced training workshops and scientific meetings.

## WEBSITE: CEGOT.PT

Faculty of Arts and Humanities [FLUP]  
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## COORDINATOR AT U.PORTO

Fantina Maria Santos Tedim  
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## RESEARCH UNIT FCT FUNDING (20/23)

960 K € (U.Porto ecosystem: 479 K €)

## INTEGRATED RESEARCHERS

58 (U.Porto ecosystem: 21)

## FCT EVALUATION

Very Good

## KEYWORDS

Climate Change & Risks  
Environment  
Health & Well-being  
Tourism  
Spatial Planning  
Urban & Territorial Development

## RESEARCH GROUPS | LINES

Cities & Territorial Development  
Nature & Environmental Dynamics  
Tourism, Heritage & Territory





# CIIE CENTRE FOR RESEARCH AND INTERVENTION IN EDUCATION

The Centre for Research and Intervention in Education (CIIE) of the Faculty of Psychology and Education Sciences (FPCEUP) is a research institution supported by the Portuguese Funding Agency for Science and Technology (FCT) in the area of Education Sciences. Evaluated by FCT as 'Excellent' in the last evaluation, it has become the highest ranked institution in this area (ex aequo) in Portugal. CIIE develops high quality research on key issues of change and educational and social processes, in order to expand the role of education in promoting equity, inclusion and active citizenship. Created in 1988, CIIE has a long track-record of excellence in research and training on a wide range of educational and social issues across all educational sectors, from early years to higher education. CIIE main objectives are to develop state-of-the-art research that addresses emerging educational challenges and draws implications for significant in- and out-of-school educational problems; to foster internationalization investing in sustainable networks that interweave the Global North and the Global South; to stimulate innovative knowledge that contributes to the improvement of education practices and can support the resonance of public debate and decision-making on educational policies. With more than 120 integrated members and collaborators, in a welcoming and stimulating environment, CIIE has been able to consolidate a high level of scientific and implementation capacity, with a vast network of partnerships and international recognition. CIIE's concern with the quality of training of emerging researchers is at the core of the Centre's research-in-the-making. CIIE offers its doctoral and master's students especially attractive conditions for advanced training and career development, in a collaborative and internationalised environment. Students are integrated into research communities of practice (CoPin), research and advanced training groups that are organised around one or more thematic areas of specialisation and research interests.

## WEBSITE: [FPCE.UP.PT/CIIE](http://FPCE.UP.PT/CIIE)

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1.6 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 46

## FCT EVALUATION

Excellent

## KEYWORDS

Arts & Digital Education  
Education, Citizenship & Social Cohesion  
Innovation & Knowledge Sharing  
Learning, Evaluation & Leadership  
Vulnerable Groups  
Inclusion & Social Justice  
Young Researchers & Careers

## RESEARCH GROUPS | LINES

Citizenship, Communication & Literacy in Health & Wellbeing  
Community Education, Participation & Social Change  
Contemporary Educational Challenges for Migrants & Refugees  
Empowerment & Inclusion Through Digital Education & Arts  
Engagement of Vulnerable Young People in Education & Training  
Evaluation & Public Policies in Education  
Higher Education, Innovation & Diversity  
Pedagogical Management & Democratic Participation  
Training, Equity & the Teaching Profession





# CIJ CENTRE FOR LEGAL RESEARCH

CIJ is a Research and Development Unit based at the Faculty of Law of the University of Porto, which main mission is to promote and develop research in legal areas, both nationally and internationally. CIJ main objectives are the development of research in legal areas, in an innovative and transdisciplinary perspective and in cooperation with similar national and foreign institutions, on subjects covered by the research lines defined by CIJ's Scientific Council; to stimulate the provision of services to the community and disseminating the results of the research produced, through the organization of scientific events and publications. Since its foundation (1998), CIJ has participated in international projects, in partnership with foreign universities and international organisations and has provided services to the national and international community of significant relevance and impact. At the same time, CIJ has provided continuous collaboration to FDUP, promoting and actively participating in post-graduate and masters' courses. Since 2013, CIJ is the editor of RED - *Revista Electrónica de Direito*, an open access electronic journal that intends to promote and publish interdisciplinary scientific research in the fields of business law and economics, favouring research on comparative law and EU law, as well as contributions from different Portuguese speaking countries.

## WEBSITE: CIJE.UP.PT

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 212 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 29

## FCT EVALUATION

Good

## KEYWORDS

Digital Law

Labour Law

Law

Legal & Economic Research

Legal Research

New Rights

## RESEARCH GROUPS | LINES

Law, Corporate & Marketplace

Law, Person & Power



# CIPES CENTER FOR RESEARCH IN HIGHER EDUCATION POLICIES

CIPES is a private association, founded by the Universities of Aveiro and Porto and open to other institutions of higher education. CIPES was established in 1998 and from the outset, its mission has been to engage in scholarly research in order to advance critical thought and promote informed understanding about the vital policy issues confronting higher education at both the national and international arenas. The breadth and depth of projects and publications encompasses the major higher education policy issues and reflects the wide diversity of academic backgrounds of the researchers at the Centre. Since its inception, CIPES has considered the internationalization of its activities as a central aspect of its development, and is nowadays an active partner in various research projects in the field of higher education policies, in Europe and in the world. CIPES has been participating actively in international research projects, and it is usual for its researchers to participate in international conferences and to publish in relevant international journals in the field. CIPES has always committed with the organization of several seminars and international conference in a diversity of research themes, with the objective of raising the knowledge of its research groups, as well as attaining a higher degree of international visibility.

## WEBSITE: CIPES.PT

Center for Research in Higher Education Policies [CIPES] | +351 229 398 790  
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## COORDINATOR AT U.PORTO

António Magalhães de Sousa  
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## RESEARCH UNIT FCT FUNDING (20/23)

724 K € (U.Porto ecosystem: 72 K €)

## INTEGRATED RESEARCHERS

18 (U.Porto ecosystem: 7)

## FCT EVALUATION

Excellent

## KEYWORDS

Higher Education Institutions & Actors  
Higher Education Studies  
Higher Education Systems  
Human Capital  
Institutional & Organizational Studies  
Policies Analysis & Assessment

## RESEARCH GROUPS | LINES

Institutional & Organizational Analysis  
Relationship Between Higher Education & the Environment  
System Level Policies



# CLUP CENTRE OF LINGUISTICS OF THE UNIVERSITY OF PORTO

The mission of CLUP is to promote, develop and disseminate scientific research on linguistics, nationally and internationally, by regularly organizing scientific meetings, conferences, courses and other scientific initiatives, as well as initiatives for the general audience. Our mission builds upon the vision that scientific research in linguistics aims to contribute to promote the social and human well-being. CLUP has conducted research in linguistics over the past 50 years and is the only research Centre in Northern Portugal exclusively dedicated to linguistics. The main strategic goal of CLUP is to promote and further develop cross-disciplinary research approaches in domains such as Forensic Linguistics, Computational, Educational and Clinical Applications, and Studies of Gesture and of Portuguese Sign Language. Our team brings together senior and junior researchers, reputed nationally and internationally in the field of Linguistic Structures and their uses, as well as in the realm of Linguistic Applications. The group, which includes 64 researchers, is responsible for a high volume of national/international publications mainly in the following areas: specialized communication, discourse, phonology, historical linguistics/linguistic historiography, text linguistics, applied psycholinguistics, semantics, syntax, and forensic linguistics. Our areas of application include the production of learning materials for the teaching of Portuguese and other languages, linguistic corpora, natural language processing tools, translation, and forensic linguistics.

## WEBSITE: CLUP.PT

Faculty of Arts and Humanities [FLUP]  
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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 775 K €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 29

## FCT EVALUATION

Very Good

## KEYWORDS

Applications  
Discourse  
Linguistics  
Structures  
Uses



## RESEARCH GROUPS | LINES

Linguistic Structures  
Linguistic Applications

# CPUP CENTER FOR PSYCHOLOGY AT UNIVERSITY OF PORTO

The Centre for Psychology at University of Porto (CPUP) is a research center with a vibrant scientific environment that brings together researchers from complementary areas of Psychology and share a common interest in human behaviour, mind and brain, in both health and disease. The overarching goal of CPUP is to produce world-class research and innovative educational and clinical applications, thereby contributing to the development of an inclusive society. By using complementary frameworks and methods, and sharing expertise and resources, the research groups provide a comprehensive approach to the main psychological and social dimensions of human life. CPUP is hosted at the University of Porto, Faculty of Psychology and Education Sciences, where it was created in 1980. It also involves another institution (Maiêutica/ISMAI – University Institute of Maia) with which an interinstitutional agreement has been established since 2014. CPUP is also closely connected with PhD Programs at University of Porto (Psychology and Human Sexuality) and at ISMAI (Clinical Psychology). CPUP is organized into five research groups that focuses on: (i) the analysis of how societal changes affects social groups. It examines gender equality in work-family balance, peer victimization/discrimination, ethnic prejudice, or resilience in minorities; (ii) socio-emotional and cognitive development and adjustment processes, encompassing the analysis of individual, interpersonal and contextual dimensions relevant for understanding child and adolescent development, learning, and wellbeing; (iii) the relational and cognitive-emotional processes involved in the psychological adaptation of individuals and families; (iv) the neurocognitive approach to the study of cognitive processes with a special focus on language, communication and emotion; (v) the understanding psychological processes of sexual problems.

## WEBSITE: [FPCE.UP.PT/CPUP](http://FPCE.UP.PT/CPUP)

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## COORDINATOR AT U.PORTO

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## RESEARCH UNIT FCT FUNDING (20/23)

1.3 M € (U.Porto ecosystem: 1.2 M €)

## INTEGRATED RESEARCHERS

124 (U.Porto ecosystem: 85)

## FCT EVALUATION

Very Good

## KEYWORDS

Experimental & Applied  
Health & Well-being  
Human Development  
Learning & Cognition  
Psychology

## RESEARCH GROUPS | LINES

Culture, Normativity & Diversity (CND)  
Development & Education (DE)  
Human Sexuality (HS)  
Neurocognition & Language (NCL)  
Relationships, Change Processes & Wellbeing (RCPW)



# IS-UP INSTITUTE OF SOCIOLOGY OF THE UNIVERSITY OF PORTO

The Institute of Sociology of the University of Porto is a research and development centre dedicated to the promotion of sociological knowledge. It was founded in 1989, and has the strategic aim to scale up and consolidate its capacity to put sociological know-how at the service of communities, their well-being and quality of life, with a specific focus on the North region of Portugal. Articulating its goals and activities with those of the Department of Sociology of the Faculty of Arts of the University of Porto, the Institute of Sociology is open to the region and the country as a catalyst for debate and scientific innovation. Focused on fundamental research and on providing socially relevant services, the Institute of Sociology seeks to create an increasingly active involvement with the community, alongside the dissemination of research outcomes, in order to attract new audiences to scientific knowledge, and in particular to the sociological approach to reality. As a scientific infrastructure, IS-UP provides access to sociological information on its Internet website and the website of the Open Repository of the University of Porto and promotes several editorial instruments. In conjunction with the objectives relating to the promotion of innovative knowledge on sociology, IS-UP is the host institution for PhD projects with grants financed by FCT, as part of several national and international PhD programmes in Sociology and/or other Social Sciences.

## WEBSITE: ISOCIOLOGIA.UP.PT

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## COORDINATOR

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## RESEARCH UNIT FCT FUNDING (20/23)

U.Porto ecosystem: 1 M €

## INTEGRATED RESEARCHERS

U.Porto ecosystem: 37

## FCT EVALUATION

Very Good

## KEYWORDS

Ageing

Culture

Family

Social Economy

Social Recompositions

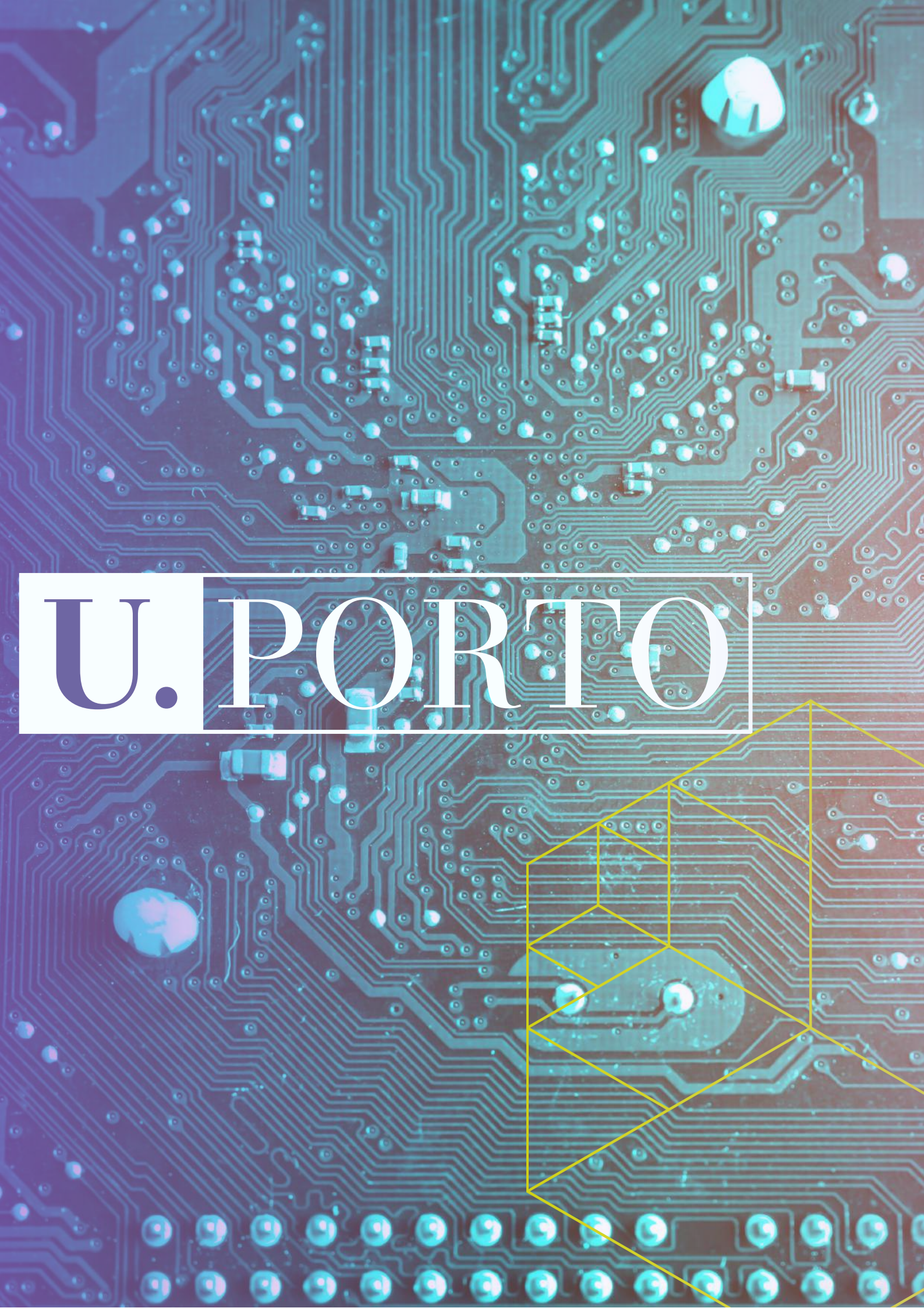
Work & Labour Market



## RESEARCH GROUPS | LINES

Social Recompositions, Culture & Territory

Work, Family & Social Policies



# U. PORTO