

Research centres



CESAM

Centre for Environmental and Marine Studies

We aim to develop multidisciplinary and transdisciplinary international research of excellence, supporting the private and not-for-profit sectors and contributing to the development of public policy, nationally and internationally.

Unit coordinator: Amadeu Soares



Research areas: we address the challenges posed by global change, with a focus on social, economic and environmental sustainability, and cover the continuum of atmosphere, land, oceans, and aquatic resources, from the catchment to the deep sea. We are caring for the future.

<https://www.cesam-la.pt>

CLLC

Centre for Languages, Literatures and Cultures

The Centre for Languages, Literatures and Cultures, based in the Department of Languages and Cultures, is an interdisciplinary research unit in the Humanities, with a transdisciplinary orientation.

Unit coordinator: Anthony David Barker



Research areas: Between Texts – Literary Hermeneutics; Between Cultures – Cultural Hermeneutics; Between Languages – Variation, Translation, Learning.

<https://www.ua.pt/en/cllc>

CICECO

Aveiro Institute of Materials

Its mission is to create and disseminate scientific and technological knowledge to develop, process and apply materials that will anticipate and address the challenges of a global society.

Unit coordinator: João A.P. Coutinho



Research areas: Porous Materials and Nanosystems; Photonic, Electronic and Magnetic Materials; Electrochemical Materials, Interfaces and Coatings; Renewable Materials and Circular Economy; Biomimetic, Biological and Living Materials; Virtual Materials and Artificial Intelligence.

<https://www.ciceco.ua.pt>

CINTESIS

Centre for Health Technology and Services Research

It's a multidisciplinary research unit that includes researchers from the Department of Education and Psychology and from the Health School.

Pole coordinator: Óscar Ribeiro



Research areas: social and behavioral gerontology, clinical gerontology and geriatrics, mental health, chronic disease management, and health care provision.

<https://cintesis.eu/en/home>

CIDMA

Centre for Research and Development in Mathematics and Applications

CIDMA is a R&D unit hosted at DMat-UAveiro with the main goal of carrying out fundamental and applied research in Mathematics and to prepare new researchers through postgraduate and advanced education.

Unit coordinator: Delfim Torres



Research areas: Algebra and Geometry, Complex and Hypercomplex Analysis, Functional Analysis and Applications, Gravitational Geometry and Dynamics, History of Mathematics and Mathematical Education, Optimization, Graph Theory and Combinatorics, Probability and Statistics, and Systems and Control.

<https://cidma.ua.pt>

CIPES

Centre for Research in Higher Education Policies

CIPES's mission is 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.

Pole coordinator: Teresa Carvalho



Research areas: The growth of the Centre and its activities has led to the identification of three main Research Groups: system level policies, institutional and organisational analysis, and relationship between higher education and the environment.

<https://www.ua.pt/en/cipes>

CIDTFF

Research Centre on Didactics and Technology in the Education of Trainers

Founded in 1994, CIDTFF has a mission anchored in the responsibility of research in education: to produce knowledge able to contribute to educated, qualified and critical citizens.

Unit coordinator: Maria Helena Araújo e Sá



Research areas: Education; Multiliteracies and Sustainability; Diversities and Curriculum; Professional and Human Development; Educational Policies, Quality and Evaluation; Multimodal Educational Resources; Professional and Organizational Practices.

<https://www.ua.pt/en/cidtff>

DigiMedia

Digital Media and Interaction

Interdisciplinary research centre focused on media innovation and interaction design, working in three lines: Digital Studies, Digital Experience and Digital Contents.

Unit coordinator: Nelson Zagalo



Research areas: Media Technology, Media Arts and Communication.

<https://digi-media.web.ua.pt/>

GEOBIOTEC

GeoBioSciences, GeoTechnologies and GeoEngineering

Focusing on Geo-Resources/Geo-Environment, Geobiotec works with the most important national mining projects, with skills and resources on industrial minerals, geostatistics, geochemistry, geophysics, mineralogy, medical geology and geomaterials.

Unit coordinator: Fernando Rocha



Research areas: Lithospheric Evolution, Complex Environmental Systems, Georesources, Geotechnics and Geomaterials.

<https://www.ua.pt/en/geo/page/17534>

GOVCOPP

Governance, Competitiveness and Public Policies

GOVCOPP's research focusses on place-based policy and governance, producing knowledge that responds to the particular needs, perspectives, challenges and resources of specific contexts.

Unit coordinator: Varqá Carlos Jalali



Research areas: Competitiveness, Innovation, Sustainability, Public Policy, Institutions, Decision Support Systems, Territory, Development and Tourism.

<https://www.ua.pt/en/govcopp>

iBiMED

Institute of Biomedicine

iBiMED's mission is to improve life quality and reduce health care costs through advanced biomedical and clinical research focused on personalized medicine and biomarkers of healthy aging.

Unit coordinator: Bruno Jesus



Research areas: Human ageing, protein aggregation, epigenome, ageing related diseases, systems biomedicine, clinical studies.

<https://www.ua.pt/en/ibimed>

Research Institute for Design, Media and Culture [ID+]

ID+ is a multidisciplinary R&D Consortium that aims to develop, legitimise and communicate design and artistic research and practices in academic, social, cultural and economic contexts.

Pole coordinator: Vasco Branco



Research areas: Design, Art, Media and Culture.

<https://idmais.org>

IEETA

Institute of Electronics and Informatics Engineering of Aveiro

IEETA is mainly a Computer Science and Engineering RU, with a strong multidisciplinary character, organized in three groups: Biomedical Informatics and Technologies; Intelligent Robotics and Systems; Information Systems and Processing.

Unit coordinator: José Luís Oliveira



Research area: Information Processing, Information Systems, Biomedical Informatics, Biomedical Technologies, Intelligent Robotics, Intelligent Systems.

<https://www.ieeta.pt>

INET-md

Institute of Ethnomusicology – Research Centre on Music and Dance

INET-md carries out transdisciplinary research on music and dance, using current perspectives from a broadening spectrum of musical, sound, and dance disciplinary fields, as tools both for fundamental research and for developing actions of social responsibility.

Pole coordinator: Susana Sardo



Research areas: Ethnomusicology and Popular Music Studies; Historical and Cultural Studies in Music; Dance Studies; Creation, Performance and Artistic Research; Education and Music in Community; Musical Acoustics and Sound Studies.

<http://www.inetmd.pt/index.php/en>

**I3N – Institute for Nanostructures,
Nanomodelling and Nanofabrication**

I3N/ Aveiro focus on micro and nanofabrication, green and clean energy, nanomaterials and functional interfaces, biomedical devices and systems and theoretical and computational studies.

Pole coordinator: Florinda Costa



Research areas: Modelling of materials behaviour, Nanofabrication and micro-technologies and exploit of their multi-functionalities, Physical characterization of self-assembled nanostructures, Development of (opto)electronics and photonics devices and systems.

<https://www.i3n.org>

**IT
Instituto de Telecomunicações**

Instituto de Telecomunicações (IT) is a research unit that is in the front line fostering (nurturing) new ideas and emerging technologies for increasingly agile and easy ways to access ubiquitous information.

Pole coordinator: José Carlos Pedro



Research areas: Wireless Technologies; Optics and Photonics; Networks and Services; Information and Data Sciences; and Basic Sciences and Enabling Technologies.

<https://www.it.pt>

**LAQV-REQUIMTE – Associated
Laboratory for Green Chemistry**

The vision of LAQV is for a world in which Sustainable Chemistry is used as a powerful and dynamic tool to tackle the societal, economic, and environmental challenges of modern life, contributing to a World Sustainable Development.

Pole coordinator: Francisco Amado



Research areas: Organic Chemistry, Natural Products, Food Science /Biochemistry and Mass Spectrometry

<https://laqv.requimte.pt>

RISCO

Risks and Sustainability in Construction

RISCO aims to promote the development of sustainable and resilient cities through safe, environmentally friendly, efficient and sustainable construction solutions and built heritage conservation.

Unit Coordinator: Romeu da Silva Vicente



Research areas: Assessment and mitigation of risks in the built environment, Sustainable and resilient solutions for the built environment, Built heritage safeguarding, conservation, renovation and retrofit.

<https://www.ua.pt/en/risco>

TEMA

**Centre for Mechanical Technology
and Automation**

TEMA follows the natural evolution of the mechanical engineering for the future, developing research on two mobilizing domains: sustainable manufacturing solutions and technologies for the wellbeing.

Unit coordinator: António Bastos



Research areas: Advanced Mechanical Engineering and Fracture Mechanics, Applied Energy, Biomechanics, Nanoengineering, Transportation Technology and Simulation Software Research and Development.

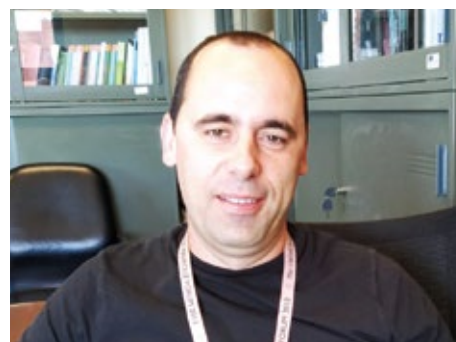
<https://www.ua.pt/en/tema>

WJRC

William James Research Centre

The core mission of the WJCR is to advance research and training in psychology with a broad interdisciplinary approach, including neurosciences, social and cognitive psychology, psychobiology, psychometrics, and statistical modeling.

Pole coordinator: Marco Vasconcelos



Research areas: Cognition, social cognition and body odors, health, and social development.

<https://williamjamescr.org>