

Research centres

CESAM

Centre for Environmental and Marine Studies

CESAM's interdisciplinary expertise on environmental and marine sciences enables an active contribution to science-based knowledge supporting socio-ecological systems sustainable management and smart specialization.

Unit coordinator: Ana Lillebø



Research areas: Atmospheric Processes and Modelling, Environment Processes and Pollutants, Functional Biodiversity, Ecotoxicology, Stress Biology, Adaptation Biology and Ecological Processes, Marine and Estuarine Ecology, Oceanography and Marine Geology, Coastal Zone Planning and Management

<http://www.cesam.ua.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 intercultural research unit in the Humanities, with an inter and transdisciplinary orientation.

Unit coordinator: Anthony David Barker



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

<http://www.ua.pt/cllc>



CICECO

Aveiro Institute of Materials

CICECO's mission is to develop the scientific and technological knowledge necessary for the innovative production and transformation of materials for a sustainable development and the benefit of society (from ceramics to soft matter and hybrids).

Unit coordinator: João Rocha



Research areas: Inorganic Functional Nanomaterials and Organic-Inorganic Hybrids, Multifunctional Ferroic Ceramics and Nanostructures, Carbon Materials, Composites and Functional Coatings, Biorefineries, Biobased Materials and Recycling, Biomedical and Biomimetic Materials and Computer Simulation and Multiscale Modeling

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

CINTESIS

Center for Health technology and Services Research

CINTESIS.UA is a multidisciplinary research unit mostly focused on Ageing Issues and Health Care Provision. It includes researchers from the Department of Education and Psychology and Health School.

Pole coordinator: Óscar Ribeiro



Research areas: Clinical & Health Services Research, Ageing & Neurosciences Research, Diagnosis, Disease & Therapeutics Research and Data & Methods Research

<http://www.cintesis.eu>

CIDMA

Center for Research and Development in Mathematics and Applications

CIDMA is a R&D unit hosted at DMat-UA 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

<http://cidma.ua.pt>

CIPES

Center 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: Higher Education, System Level Policies, Institutional and Organisational Analysis and Resources, Performance and Human Capital

<http://www.ua.pt/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.

<http://www.ua.pt/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

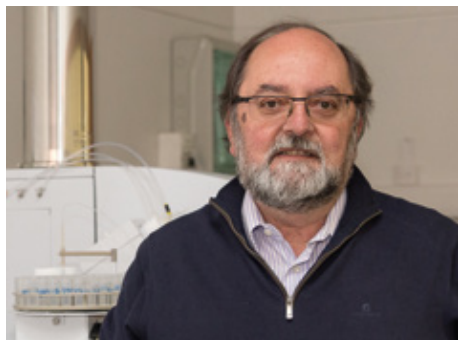
<https://digimedia.web.ua.pt>

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

<http://www.ua.pt/geo/PageText.aspx?id=17534>

GOVCOPP

Governance, Competitiveness and Public Policies

GOVCOPP's mission is to produce research and knowledge that contribute to economic efficiency and good governance practices in specific territorial contexts, with a particular focus on the Centro region.

Unit coordinator: Anabela Botelho



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

<http://www.ua.pt/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: Manuel Santos



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

<http://www.ua.pt/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
<http://www.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: Armando Pinho



Research area: Information Processing, Information Systems, Biomedical Informatics, Biomedical Technologies, Intelligent Robotics, Intelligent Systems
<http://www.ieeta.pt>

I3N – Institute for Nanostructures, Nanomodelling and Nanofabrication

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

Pole coordinator: Ricardo Dias



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



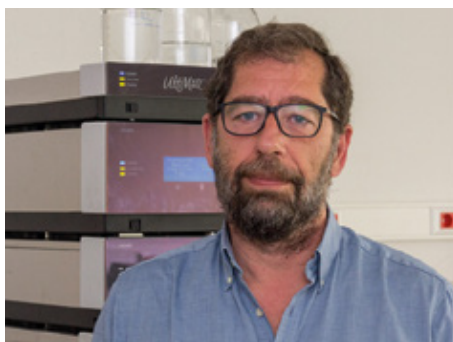
Research areas: Wireless Technologies; Optics and Photonics; Networks and Services; Information and Data Sciences; and Basic Sciences and Enabling Technologies
<http://www.it.pt>

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

Aveiro Research Centre for Risks and Sustainability in Construction

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

Unit Coordinator: Romeu Vicente



Research areas: Mitigation of risks in the built environment; Resilient and sustainable built environment; Built heritage safeguarding, conservation 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



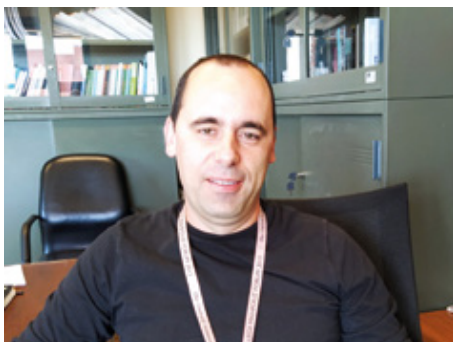
Research areas: Advanced Mechanical Engineering and Fracture Mechanics, Applied Energy, Biomechanics, Nanoengineering, Transportation Technology and Simulation Software Research and Development
<https://www.ua.pt/tema>

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, Social development
<https://williamjamescr.org/>

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 groups: 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>