

# 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: Amadeu Soares**



Research areas: Soils, Agriculture and Forest Resources, Freshwater and Marine Ecosystems and Resources, Integrated Environmental Systems and Climate, Environment and Health and Environmental Economy.

[www.cesam-la.pt/](http://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 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.

[www.ua.pt/cllc](http://www.ua.pt/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 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.

[www.ciceco.ua.pt](http://www.ciceco.ua.pt)

## CINTESIS

### Center for Health Technology and Services Research

*Integrated in the Associated Laboratory RISE - Rede de Investigação em Saúde, CINTESIS is 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.

[www.cintesis.eu](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.

[www.cidma.ua.pt](http://www.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: 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.

[www.ua.pt/cipes](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.

[www.ua.pt/cidtff](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.

[www.digimedia.web.ua.pt](http://www.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.

[www.ua.pt/pt/geo/page/17534](http://www.ua.pt/pt/geo/page/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: Varqá Carlos Jalali**



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

[www.ua.pt/govcopp](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.

[www.ua.pt/ibimed](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

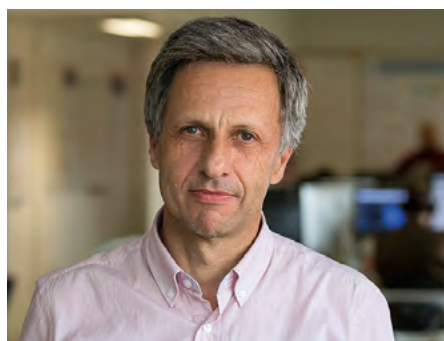
[www.idmais.org](http://www.idmais.org)

## **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.

[www.ieeta.pt](http://www.ieeta.pt)

## **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.

[www.i3n.org](http://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.  
[www.it.pt](http://www.it.pt)

## LAQV-REQUIMTE

### Associated Laboratory for Green Chemistry

*Laboratory 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.  
[www.laqv.requimte.pt](http://www.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 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.  
[www.ua.pt/en/risco](http://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**



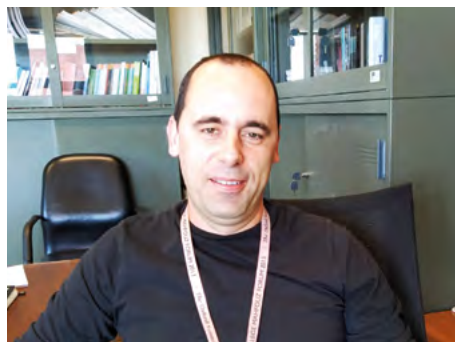
Research areas: Advanced Mechanical Engineering and Fracture Mechanics, Applied Energy, Biomechanics, Nanoengineering, Transportation Technology and Simulation Software Research and Development.  
[www.ua.pt/tema](http://www.ua.pt/tema)

## 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  
[www.williamjamescr.org](http://www.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.  
[www.inetmd.pt](http://www.inetmd.pt)

