



CATÓLICA

CITAR · CENTRO DE INVESTIGAÇÃO  
EM CIÊNCIA E TECNOLOGIA DAS ARTES



PORTO

# Sustainable Conservation of Cultural Heritage in Portugal. On Going projects in CITAR towards a new paradigm within contemporary social environments.

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**FCT** Fundação  
para a Ciência  
e a Tecnologia

 REPÚBLICA  
PORTUGUESA



# CITAR RESEARCH FOCUS AREAS

- HCR- Cultural Heritage, Conservation and Restoration
- NMA- New Media Art
- CCA- Cinema and Cinematic Arts
- SM- Sound and Music

# HCR- Cultural Heritage, Conservation and Restoration

- Heritage Studies /Conservation- Restoration Studies
  - Structural research Issues
- How might a sustainable heritage management be framed to address old conservation-restoration problems in light of contemporary acculturation processes, conservation methodologies, and challenges posed by global climate change?
- How might the preservation of material and immaterial heritage be integrated into knowledge networks aware of the everchanging maker-user-consumer practices of the postdigital era?
- **EMERGENT TOPICS:**
- Sustainable Conservation/Green Conservation/ Preservation of New Media Art.
- Public Art.
- Globalization, acculturation and cultural change.

# SUSTAINABLE CONSERVATION WITHIN CITAR PROJETS BIONANOSCULP



Supported by national funding from FCT-Fundação para a Ciência e Tecnologia, I.P. (PTDC/EPH-PAT/6281/2014).



**BIONANOSCULP** Biotechnology applications for preventive conservation of outdoor metal/stone based sculptures. National funding from FCT PTDC/EPH-PAT/6281/2014



Public Art (20th century sculpture) of FBAUP/ MIEC and Porto's City Council.

**BIONANOSCULP** Biotechnology applications for preventive conservation of outdoor metal/stone based sculptures. National funding from FCT PTDC/EPH-PAT/6281/2014



Contemporary sculpture (20th century), City Council of Porto.



# SUSTAINABLE CONSERVATION WITHIN CITAR PROJETS

## BIO4MURAL



BIO4MURAL Biotechnology applications for preventive conservation of outdoor metal/stone based sculptures.

POCI-01-0145-FEDER-029157. June 2018.



**BIO4MURAL**-Innovative biotechnology solutions for black stains removal and preventive conservation of historical and culturally important mural paintings.  
POCI-01-0145-FEDER-029157.



Fresco wall paintings 15<sup>th</sup>/16<sup>th</sup> centuries. Northern Portugal.





# SUSTAINABLE CONSERVATION WITHIN CITAR PROJETS. GEO-SR



**GEO-SR-** Multidisciplinary approach to alteration, alterability and conservation of Soares dos Reis' geomaterial sculpture: breaking boundaries in museum paradigms and creating value in changing societies through culture. National funding POCI FEDER – 031304. June 2018.

GEO-SR- Multidisciplinary approach to alteration, alterability and conservation of Soares dos Reis' geomaterial sculpture: breaking boundaries in museum paradigms and creating value in changing societies through culture. National funding POCI FEDER – 031304.



*O Desterrado.* Marble



*Afonso Henriques.* Plaster



*Flor Agreste.*  
Marble



*Conde Ferreira.*Plaster.

Soares dos Reis National Museum's collection.Porto

# Thank you for your attention

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