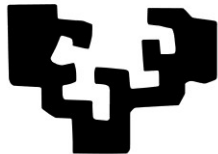


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Universidad  
del País Vasco

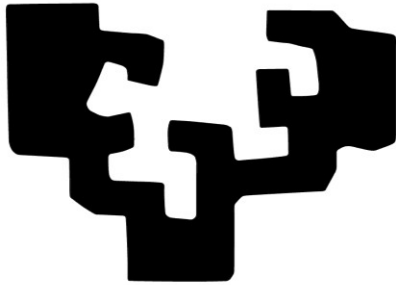
Euskal Herriko  
Unibertsitatea



**Institute for Polymer Materials**  
**POLYMAT**

# University of the Basque Country

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<http://www.ehu.es>



3 campus  
31 faculties/schools  
5000 staff  
45000 students

70% of the research in  
the Basque Country

## Polytechnical University College

15 programs offered  
6 Engineering degrees  
7 Technical Industrial Engineering degrees  
2 Master degrees  
7 research groups



<http://www.politeknikoa.ehu.es>

# Materials + Technologies Group

<http://www.ehu.es/GMT/>

12 Profesors (Head of the group: Prof. Dr. Arantxa Eceiza )

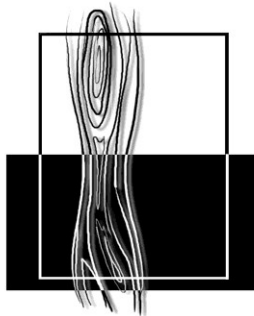
2 Researchers

6 PostDoc

18 PhD students

12 Master students

Undergraduate students



Master and PhD Program

*Renewable Materiales Engineering*

<http://www.ingenieriamaterialesrenovables.ehu.es>

# Research Lines

- Biocomposite/ Nanobiocomposites from renewable resources
- Composite materials
- Synthesis and functionalization of nanoparticles
- Self-assembling of thermosetting matrices
- Functionalization and manipulation of carbon nanotubes
- Development of opto-electronic materials
- Confining nanoobjects into domains nanordered by self-assembling of block copolymers
- Thermoplastic and thermoset matrix nanocomposites containing nanoobjects (nanoparticles, nanotubes, liquid crystals, organic dyes, ...)

# Role in the project

Leader of WP3 and WP8

Partner in WP4, 5 and 7

- extraction and characterization of cellulose and chitin nanofillers,
- processing of PLA composites with several types of nanofillers.
- Synthesis of PLA block copolymers.

# Team

- Jalel Labidi
- David Mecerreyes
- Aloña Retegi
- Aitor Arbelaiz
- Susana Fernandes