Laser Materials Processing

Project Idea	**We are a research Group with more tan 30 years of experience in laser materials processing using high power lasers. We develop our own experimental systems and have patented more tan 10 new methods and/or processed.**
Organization name, town and country	CINTECX, University of Vigo, Vigo, SPAIN.
Addressed topic(s)	HORIZON-CL4-2027-01-MAT-PROD-61: Fast Track to Research and Innovation for breakthroughs in industrial technologies (Research and Innovation Action)

University of Vigo

- The University of Vigo is a young university that strongly promotes research and internationalization.
- Our research Group has participated in several types of european funded research projects. We are currently leading an EIC Pathfinder project: Everglass.



Competences

- We can contribute expertise in laser-based materials processing, covering a range that extends from macroscopic applications—such as cutting, welding, cladding, and additive manufacturing—to the nanometric scale, including the production of ceramic and metallic nanoparticles and glass nanofibers, as well as laser micro-texturing.
- To this end, we have a variety of high-power laser systems that cover the entire available wavelength range, with emission modes ranging from continuous-wave to pulsed—spanning timescales from nanoseconds down to femtoseconds.
- Along with a variety of auxiliary and characterization equipment, and the capability to design and build various experimental setups.

Contact details

Contact person	Félix Quintero Martínez
Organisation:	University of Vigo
Address:	Vigo, Spain.
Phone:	+34 654 475257
E-mail	fquintero@uvigo.es
B2Match profile	
LinkedIn/Twitter	linkedin.com/in/félix-quintero-martínez-2481268a



CINTECX
Universidade Vigo