

GROUP NAME	PI	CONTACT EMAIL	DEPARTMENT	RESEARCH LINES	GROUP WEBSITE
Q-NANOFOT	Aizpurua Iriazabal, Francisco Javier Zabala Unzalu, Miren Nerea (CoPI)	aizpurua@ehu.es nerea.zabala@ehu.es	Electricity and electronic	<ol style="list-style-type: none"> 1. Theory of Nanophotonics and Plasmonics 2. Optical response of plasmonic nanoantenna 3. Theory and development of nanoscopies with photons and electrons 4. Quantum nanophotonics; optical spectroscopies and photonic applications of nanoparticles and nanostructures at the nanoscale 5. Optoelectronics in nanosystems 6. Vibrational spectroscopies (SERS and SEIRA) 7. Topological effects in the optical response of material at the nanoscale 	https://cfm.ehu.es/nanophotonics/
ELEKTRIKER	Albizu Florez, Igor Fernández Herrero, Elvira	igor.albizu@ehu.es elvira.fernandezh@ehu.es	Electric engineering	<ol style="list-style-type: none"> 1. Application of the dynamic line rating to the power system congestion management. 2. Dynamic line rating monitoring systems. 3. Dynamic line rating forecasting. 4. Simulation of the power system operation using DigSILENT PowerFactory 	-----
ADVANCED CONTROL GROUP	Barambones Caramazana, Oscar	oscar.barambones@ehu.es	Systems Engineering and Automation	<ol style="list-style-type: none"> 1. Design and implementation of advanced control schemes. 2. Real time validation of the new control schemes. 3. Real time control test bench design and implementation. 4. More than 30 papers published in this topic. 	https://www.ehu.es/es/web/gca/aurkezpena
MATERIALS + TECHNOLOGIES (GMT)	Eceiza Mendiguren, Maria Aranzazu	arantxa.eceiza@ehu.es	Chemical and Environmental Engineering	<ol style="list-style-type: none"> 1. Development of capacitors based only in polymeric materials (so called all polymer dielectrics) for photovoltaic energy storage. 	https://www.ehu.es/en/web/gmt/
GISEL	Eguía López, Pablo Zamora Belver, Inmaculada (CoPI)	pablo.eguaia@ehu.es inmaculada.zamora@ehu.es	Electric engineering	<ol style="list-style-type: none"> 1. Integration of PV in electricity systems. 2. Modeling of PV inverters and plants for power system studies. 3. Grid forming/grid following inverters. 4. Power system dynamics with high shares of IBRs 	-----