



Dr Paul Lacharmoise obtained his PhD in physics in 2009 at the Institute of Materials Science of Barcelona (ICMAB), working in the characterization of nanostructures using optical techniques with high sensitivity and spatial resolution. He has investigated organic semiconductors in the field of single molecule spectroscopy and near field photoluminescence of organic nanocrystals. Later, he shifts towards applied research in the field of printed electronics, especially in organic photovoltaic and optoelectronic flexible devices. He is responsible for the development of new manufacturing processes of organic solar cells based on inkjet printing and roll-to-roll coating. He is co-author of >20 reviewed journal papers and has been involved in several research projects in printed electronics both at European and Spanish level. In 2013, He is named scientific director at Cetemmsa Technological Center (latter Eurecat).

Currently he leads the "Functional printing & Embedded Devices" Unit at Eurecat Technological Centre, which specializes in printed electronics, sensors and actuators, structural electronics and smart engineering. The unit has developed several technologies in the field of Digital Health at Hw level, as for example point-of-care devices based on printed chemical and bio sensors, or wearables for health monitoring.