

**Franco Cacialli** is currently Professor of Physics at the Free University of Bozen-Bolzano and Professor of Physics in the Department of Physics and Astronomy at UCL and in the London Centre for Nanotechnology (LCN, [www.london-nano.ucl.ac.uk](http://www.london-nano.ucl.ac.uk)). His research interests focus on the physics and application of advanced functional materials to light-emitting and photovoltaic diodes, as well as to field-effect transistors. Emphasis is placed on the properties of the electrode-semiconductors interface, as an aspect of fundamental importance in virtually all device applications. Research interests also include supramolecular architectures for the control and tailoring of intermolecular interactions, and thus of organic semiconductors (OS) photophysics. Past interests include high-resolution nanolithography by means of the scanning near-field optical microscope (SNOM) or the scanning thermal microscope (SThM). Alongside collaborators, Franco and his group have developed the science and technology of near-infrared (NIR) organic light-emitting diodes (OLEDs), especially those based on heavy-metal-free, non-toxic and sustainable materials (*Adv. Funct. Mater.* 29, 1807623, 2019). Recently they have also developed tattooable OLEDs (*Adv. Electron. Mater.* 21, 2001145, 2021 <https://doi.org/10.1002/aelm.202001145>) which have elicited significant media coverage.

Franco received his degree and PhD in Electronic Engineering from the University of Pisa, and after post-doctoral work at Cambridge has been a Royal Society University Research Fellow in the period 1996-2004, first at Cambridge until 2001, then at UCL, where he became Professor of Physics in 2005 and where he remained until October 2022. He is a Fellow of the Institute of Physics (FinstP, 2001), and of the American Physical Society (2009), and has been a recipient of a Royal Society Wolfson Research Merit Award (2015-2019), and a founding co-director of the London Institute for Advanced Light Technologies (<http://london-light.org> 2019-2022). He also remains Honorary Member of Staff in the Department of Physics and Astronomy at UCL.