



José Carlos Lopes graduated in Chemical Engineering in 1977 at FEUP, the Engineering School of the University of Porto. That same year, he joined the Chemical Engineering Department of FEUP as a Teaching Assistant. In 1979 started his Ph.D. studies at the Department of Chemical Engineering of the University of Houston (Texas, USA). He obtained his Ph.D. degree in 1984 under the guidance of the late Professor Abe Dukler in Multiphase Fluid Mechanics. He then joined Schlumberger Ltd. as a research scientist. He worked at Schlumberger-Doll Research Center (Ridgefield, Connecticut, USA) until 1986 and at Schlumberger Cambridge Research (Cambridge, UK) in 1987, researching Well-Bore Multi-Phase Flows. He returned to FEUP in 1988 and joined the research group LSRE. In 2005 he founded Fluidinova, a spin-off from FEUP, the first nanoparticle-based products company in Portugal. Since 2010 is back at FEUP, teaching in the Chemical Engineering Department and pursuing research at the Associate Laboratory LSRE-LCM in the area of Product Engineering.

Since 2012, he has been a delegate member of the Working Party on Mixing, WPM, of the European Federation of Chemical Engineering, EFCE. In 2019, he co-founded a new Portuguese R&D organization, the CoLAB Net4CO<sub>2</sub> - Network for a Sustainable CO<sub>2</sub> Economy, to develop new processes and products with the NETmix technology. The NET4CO<sub>2</sub> mission aligns different entities with developing new processes and products that provide competitive CO<sub>2</sub> capture, gas separations, and CO<sub>2</sub> valorization solutions.

***JOSÉ CARLOS LOPES***

***NET4CO<sub>2</sub> COLAB***