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I have worked for more than 4 years as a Post-Doc Fellow within the Applied Physics groups at the Department of Engineering "Enzo Ferrari" (DIEF) and at the Department of Sciences and Methods for Engineering (DISMI) of the University of Modena and Reggio Emilia (Italy). My previous activities were mainly centred on experimental fluid dynamics, with particular focus on the study and characterization of foaming phenomena related to filling processes and on the development of microfluidic devices for cell cultures. Currently, I hold a Post-Doc Fellow position at the CNR-Nano Institute of Modena (Italy), where I carry on research for the optimization of tribo-mechanical properties of Additive Manufactured metallic components by means of functional coatings.