

NanoInnovation: Biography

Michele Della Ciana

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Michele Della Ciana was born in Faenza (Italy) on 06/19/1993 and graduated in physics at the University of Bologna, with a grade of 110/110 *cum laude* in 2016. He then continued his studies specializing in physics of matter, achieving in 2019 the master's degree with a grade of 110/110 *cum laude*.

He is currently concluding the last year of his doctorate, about a joint project between the IMM of Bologna and the University of Ferrara, concerning the development and the validation of a setup for the infrared characterization (DRIFT) of chemiresistive gas sensors *in operando*. Both for work needs and a personal passion, during the doctoral period, he approached the world of 3D printing, filament (FDM), and resin (SLA), with the setting up of a printing laboratory to support the research activities at the IMM, CNR of Bologna. As part of his doctoral project, 3D printing has been fundamental to solving various experimental problems and prototyping and creating customized measurement setups.

