Javier Yeste Torregrosa

Graduated in Physics by the University of Valencia (Spain) in 2019.

Master's degree in Advanced Physics, specialist in Photonics at the University of Valencia in 2020.

Predoctoral grant holder (FPU) at the department of Applied Physics of the University of Valencia since 2020.

He is currently working on his PhD in materials science as a member of the Crystal Growth and Characterization Group (CreCYCSem) at the Applied Physics department of the University of Valencia.

He is currently working on the growth and characterization of compounds that can improve the detectivity in mid-IR photodetectors by taking advantage of the field confinement associated with plasmonic excitations. Among these compounds, we can highlight the II-VI oxide CdO and the ternary compound CdZnO which are being grown on substrates common in the mid-IR photodetection, such as GaAs, using the MOCVD technique.

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