



# MANUEL SÁNCHEZ PONCELA

*R&D ENGINEER*



## MANUEL PONCELA | ARCELORMITTAL GLOBAL R&D

Currently working at the Additive Manufacturing department of ArcelorMittal Global R&D (Asturias, ES). My research is focused on studying steel microscopic and macroscopic behavior during 3D printing at different technologies and post-processing for tuning the microstructure and mitigate residual stresses inherent to the fabrication process.

I am an industrial engineer by the Polytechnic Schools of Gijón (ES) and Grenoble INP (FR), with a further specialization in material science by LMU and TUM universities (Munich, GR). Before joining ArcelorMittal, I have been working at CEA Cadarache: studying the relaxation cracking with numerical simulation of austenitic steel welding and FRM II as data analyst of residual stresses in welding.