

Álvaro Rojas Zamora

Development Engineer

ALECSys Lean Burn Combustion, Trent 900 & Trent 700
Transmissions, Whole Engine Systems & Flight Test

Originally from Málaga in Spain, Álvaro studied throughout Europe and holds a double degree in Aeronautical and Mechanical Engineering, alongside a Masters in Aeronautical Engineering sponsored by the Royal Aeronautical Society. His research has focused on aircraft design, accident investigation and CFD modelling of roll-to-roll manufacture of thin-film photovoltaics.

At Rolls-Royce he's worked in a variety of areas from transformational digitalisation & simulation in the DaVinci Programme to Development & Verification of Combustion & Turbines on the A350-1000 powerplant, as well as supporting the Flight Tests of the Airbus A380 and BelugaXL.

He's currently responsible for experimental Transmissions hardware, Whole Engine Systems and Flight Test on Trent 700, Trent 900, & ALECSys Lean Burn Demonstrator, owning and overseeing ground & flight experiments, authoring flight documentation and configuring the build & strip of experimental engines for testing re-use.

Álvaro is also a massive proponent of STEM: being a STEM Inspiration Volunteer for 4 years for The Big Bang Fair's 80,000 attendees, an Inspiration Panellist at London's The Big Assembly live broadcast to schools nationwide and the Rolls-Royce Campus Lead for Glyndŵr and Seville Universities. Inspiring and mentoring the next generation to pursue their dream careers is a way of giving back the guidance he & his family would have liked to have had.

