

Joao is an engineer at the Customer Solution Center in Novi, MI. In this role, Joao is responsible for understanding, developing , characterizing, analyzing, and evaluating joining-methods for aluminum-intensive and hybrid-material automotive body, regarding performance(strength, durability, corrosion etc.) as well as cost.

Most recently, Joao worked in the body structures department at Ford Product Development Center, where he was responsible for joining development, mostly mechanical joints. Prior to this role, Joao worked at the Ford Research and Innovation center performing tests and characterizing fatigue properties of various materials. Joao holds a PhD and a master's degree in Mechanical Engineering from The University of Alabama, and a bachelor's degree in Automotive Engineering from Polytechnic University of Turin in Italy.