

Papers with industrial applications:

- 1- A Novel Procedure for Friction Stir Welding Aluminium to Copper by Using an Aluminium Run-On Plate, R Beygi, I Galvão, F Nematzadeh, CM Almeida Leitão, RM Leal, Materials Science Forum 1110, 83-90, 2023.
- 2- A novel lap-Butt joint design for FSW of aluminum to steel in tee-configuration: joining mechanism, intermetallic formation, and fracture behavior, R Beygi, AA Talkhabi, MZ Mehrizi, EAS Marques, RJC Carbas, Metals 13 (6), 1027, 2023.
- 3- Buttering for FSW: Enhancing the fracture toughness of Al-Fe intermetallics through nanocrystallinity and suppressing their growth, R Beygi, RJC Carbas, AQ Barbosa, EAS Marques, LFM Da Silva, Journal of Manufacturing Processes 90, 233-241, 2023.