

Aerospace Technology Congress 2019 (FT 2019)

POSTER SESSION - TUESDAY 8 OCTOBER 2019

Time: 17.00

POSTERS (preliminary)			
id	Headline	Writer	Session
38081	ELLIPTICAL CROSS SECTION COMPARISON FOR HELICAL SPRING OF COMPOSITE MATERIAL	Ana Thais Almeida de Melo, Universidade Federal de Minas Gerais	Structure
38116	Microstructural properties of ZrB ₂ – SiC under hypersonic thermal plasma jet	Gilberto Petraconi, Laboratório de Plasmas e Processos, ITA	Structure
38248	The DevTMF Project: Development of Experimental Techniques and Predictive Tools to Characterise Thermo-Mechanical Fatigue Behaviour and Damage Mechanisms in a Nickel-Base Superalloy for Turbine Disc Applications	Svjetlana Stekovic, Linköping University	Structure
38288	Evaluation of Increase Weight in a Wing Fixed Leading Edge Design to Support Drone Collision	Tomaz Drumond, Universidade Federal de Minas Gerais	Structure
38420	The AddMan Project: Innovative Re-Design and Validation of Complex Airframe Structural Components Formed by Additive Manufacturing for Weight and Cost Reduction	Svjetlana Stekovic, Linköping University	Structure
38981	Graphene and carbon nanotube-enhanced nanostructured composites for aerospace applications	Danilo Carastan, Federal University of ABC (UFABC)	Structure
38447	Aircraft Thermal Management - Simulation for System and Comfort Performance Improvements	Jörg Schminder, Linköping University	Aircraft and airspace analysis
38964	Longitudinal Identification of a subscale canard fighter aircraft	Leonardo Nepomuceno, ITA – Instituto Tecnológico de Aeronáutica	Aircraft and airspace analysis
38954	High-level synthesis and high-level design validation: Applications in avionics	Mohammad Riazati, Mälardalens Högskola	Subsystem
38287	Digital Platform Twin: Generating Concepts for Producibility Assessments	Jonas Landahl, Chalmers University of Technology	Engines