

Máster Universitario en Ingeniería Aeronáutica / Master in Aeronautical Engineering

Año Académico 2022/23)

Relación de estudiantes que han realizado el Trabajo Fin de Estudios (Año Académico 2022/23)				
TÍTULO	ESTUDIANTE	CALIFICACION	NOTA	TUTOR
A350 Maintenance Plan Optimisation	600057	NOTABLE	8,0	12239
Advanced atmospheric drag models for high-fidelity space simulations	373198	SOBRESALIENTE	9,8	8424
Analysis of free vibration problems with the meshless element-free Galerkin method	358340	SOBRESALIENTE	9,5	14260
Beam-based tools for preliminary optimisation and mass estimation of lightweight wing airframe	377587	SOBRESALIENTE	9,7	18156
Comparison of Low-cost and Legacy Carriers' Flight Networks using Data Analytics	641077	MATRÍCULA HONOR	10,0	15351
Conceptual Design and Certification of a Drone Airframe	640457	SOBRESALIENTE	9,8	4836
Configuration Management Process Optimisation	342225	SOBRESALIENTE	10,0	
Convex Optimization for multi-UAV Flight Formation Trajectory Generation	377559	MATRÍCULA HONOR	10,0	8424
Design and Development of a HIL/SIL Speedgoat Test Bench for Real Time Testing and Verification of an Aircraft Primary Flight Display	365967	NOTABLE	8,5	15351
Design, manufacturing and assembly processes of a 3D printed VTOL model aircraft	635968	SOBRESALIENTE	9,5	4836
Development and characterization of an aeroacoustic-grade jet facility	636040	SOBRESALIENTE	9,6	11897
Development of Discrete Tuned Gust Solver	377514	SOBRESALIENTE	9,8	14312
Development of a final data set of the European air traffic service structure of the upper airspace	638775	NOTABLE	8,5	
Expanding Madrid's Airport Capacity: A Study	636055	NOTABLE	7,3	12751
Experimental analysis of RF plasma discharges	358276	SOBRESALIENTE	10,0	14083
Exploring Alternatives to Vespel in the Space Industry: Regulatory Landscape, Performance Characteristics, and Business Considerations for MLIs Blankets Supports Advanced Manufacturing	389648	SOBRESALIENTE	10,0	18156
Flight mechanics analysis of unconventional aircraft: The Flying Broom	358274	SOBRESALIENTE	9,5	11897
Flight-specific savings potential of air traffic delay costs taking into account the expected compensation costs	595382	SOBRESALIENTE	10,0	
Foreign Validation Activities in the Certification Office in ATR	358215	SOBRESALIENTE	10,0	
Fuselage integration of new generation engines and structural optimization under damage tolerance conditions	635106	SOBRESALIENTE	9,3	18156
Hail strike virtual testing on in-service composite materials	377524	SOBRESALIENTE	9,5	18156
Implementation and experimentation of sequential filters for precise orbit determination using GNSS	635979	SOBRESALIENTE	9,5	8424
Laser Measurements Statistical Process Control for A350 Section 19	377609	SOBRESALIENTE	9,3	11715
Low current hollow cathode design	635350	SOBRESALIENTE	9,5	14083
Machine Learning application for identification of damage in aircraft structures	636744	SOBRESALIENTE	10,0	14260
Multidisciplinary optimization under uncertainty of a hybrid-electric aircraft	377505	SOBRESALIENTE	9,5	14312
Non-linear aeroelastic effects on flapping wings	377595	SOBRESALIENTE	9,7	8307
Operating cost optimization of an airport	377562	SOBRESALIENTE	9,5	12751
Preliminary Design of an Active Thermal Control Subsystem for Smallsats	645554	NOTABLE	7,0	15204
Reheat Hydrogen Combustion with Water Injection at High Pressures: Sensitivity and Flashback Analysis	637177	SOBRESALIENTE	9,0	
Sensors integration in a quadcopter to perform an autonomous flight"	635361	NOTABLE	7,7	4836
Software in the loop integration for a Ultra light Aircraft model TECNAM P-92	377478	NOTABLE	8,8	4836

RELACIÓN DE ESTUDIANTES QUE HAN REALIZADO EL TRABAJO FIN DE MÁSTER

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TITULO	ESTUDIANTE	CALIFICACION	NOTA	TUTOR
Studies on the use of H2 in aircraft	377429	SOBRESALIENTE	9,5	15204
TAT and EDD prediction	647772	NOTABLE	8,5	20929
Technical-economic analysis of off-shore wind turbine farms.	642242	SOBRESALIENTE	9,5	11715
The ACUS Project: development of propulsion technologies for RPAS weaponry	377543	MATRÍCULA HONOR	10,0	11731
Virtual manufacturing process development of composite RTM	349204	SOBRESALIENTE	9,5	18156
Web App Dashboard and Visualization Tools Development for Met and ATM Information	358330	NOTABLE	8,3	15351
TOTAL 38				

*GDC: Datos obtenidos para el proceso de indicadores a fecha 15/11/2023

*Trabajos presentados y calificados