RELACIÓN DE ESTUDIANTES QUE HAN REALIZADO EL TRABAJO FIN DE MÁSTER

Máster Universitario en Ingeniería Espacial
Año Académico 2022/23)

Relación de estudiantes que han realizado el Trabajo Fin de Estudios (Año Académico 2022/23)				
TITULO	ESTUDIANTE	CALIFICACION	NOTA	TUTOR
A Comprehensive Approach to Concurrent Optimization of Constellation Deployment and Launcher Selection	632725	SOBRESALIENTE	9,0	8424
A Novel, Non-Deployable, UHF Antenna with Dual Circular Polarization for Nanosatellite TM/TC Links	358724	SOBRESALIENTE	10,0	0993
Advanced collision risk estimation methods	358226	SOBRESALIENTE	9,3	11715
Agile Software Development Methodologies applied to CubeSAT Programs: a statistical parametric study	344799	SOBRESALIENTE	9,4	17614
Analytical Propagation of Density Model	358340	SOBRESALIENTE	9,6	8424
Camera-based navigation with fiducial visual markers for docking	634530	SOBRESALIENTE	9,6	8424
Categorizing Space Objects via Light Curves Applying Machine Learning	357514	SOBRESALIENTE	9,6	18682
Comparative Study of Radiation Prediction Tools for Space Missions	630837	SOBRESALIENTE	10,0	3192
DESIGN & STRUCTURAL ANALYSIS OF A 16U COMPOSITE CUBESAT	341064	SOBRESALIENTE	9,0	18683
Design and implementation of a lifting body GNC for human Martian Entry	632661	SOBRESALIENTE	10,0	8424
EGNOS: A Comprehensive Analysis of its Augmentation Capabilities through Real Data Experimentation	408309	NOTABLE	7,8	18703
Enhancement and Validation of a strategy analyser for IGSO mission.	596005	SOBRESALIENTE	9,0	8424
Implementation and Optimization of Non-Coherent Tracking Loops for Galileo E6 Data Component	635541	SOBRESALIENTE	9,5	
Initial Orbit Determination: A Differential Algebra Approach and Limitations of the Gauss' Technique	634509	SOBRESALIENTE	9,3	18682
Kinematic Multi-Target Orbit Determination for Spacecraft Constellations	634845	SOBRESALIENTE	10,0	8424
Machine learning approach for Spacecraft Collision Avoidance	564966	SOBRESALIENTE	9,8	18682
Optimization of a Software-Defined Radio GNSS Receiver for High Dynamic Applications	377438	MATRÍCULA HONOR	9,8	8424
Performance studies of alternative propellants for a low power Hall effect thruster	358288	SOBRESALIENTE	10,0	13374
Precise Point Positioning GNSS aiding by Visual Odometry	645725	SOBRESALIENTE	9,2	8424
Preliminary Design of a Reaction Wheel Control System for CubeSat application	598767	SOBRESALIENTE	9,0	8424
Robust optimal controller for Martian re-entry in the presence of uncertainty	593902	SOBRESALIENTE	9,8	8424
Severing rate calculation for thin tape tethers based on an experimental ballistic limit equation	358274	SOBRESALIENTE	10,0	13288
Simulation and analysis of the thermal conductivity of hollow fibre microstructures	358309	SOBRESALIENTE	9,2	18156
Sparse Regression for the Breathing Mode Instability: Extracting Governing Equations from Hall Effect Thrusters Simulation Data	643922	SOBRESALIENTE	10,0	11793
Testing a Helicon Plasma Thruster (HPT) with Krypton and Xenon to compare plasma plume properties	377538	SOBRESALIENTE	9,2	14083
Thermomechanical Optimization of CFRP Primary and Secondary Mirrors of a Cassegrain Reflecting Space Telescope	631000	SOBRESALIENTE	9,4	1723
Water Electrolysis Propulsion: A Case Study and Simulation	594626	NOTABLE	8,6	11793
TOTAL 27				

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

*Trabajos presentados y calificados