

TIME	Paper	ROOM: JWS - 334	STRUCTURES & STRUCTURAL DYNAMICS	Chairman	Judge #1	Judge #2
09:30h	CHI1	Yuke Dai	Active Vibration Control of Sting Used in Wind Tunnel	Weber	Hauffe	Chouffot
10:00h	NAP1	Giousuè Carducci & Salvatore Carducci	Numerical Vibroacoustic Analysis of a Fuselage Section: Low-Frequency Noise Reduction			
10:30h		Coffe break				
11:00h	NAP2	Aniello Daniele Marano	Modlab: A new Matlab Toolbox for Modal Parameters Identification	Weber	Hauffe	Revel
11:30h	CHI5	Xiangyu Wang	Flutter Analysis Based on Component Modal Synthesis for an Aeroelastic System with Structural Nonlinearities			
12:00h	MIL3	Alessio Gorgeri	Analysis of functionally graded carbon nanotubes reinforced composite panels using sublaminar variable-kinematics models			
12:30h		Lunch break				
13:30h	CHI4	Xianghao Meng	Dynamic Response of the airliner tail structure during UAS Airborne Collision	Hauffe	Campos	Weber
14:00h	BOL1	Francesco Falcetelli	Group Velocity Estimation for the Calibration of Localization Algorithms in Lamb Wave SHM Systems			

TIME	Paper	ROOM: JWS - 355	AERODYNAMICS, GASDYNAMICS & HEAT TRANSFER, ROTARY WING, MATERIALS	Chairman	Judge #1	Judge #2
09:30h	SUP1	Tom Lories	Numerical methods for efficient fluid-structure interaction simulations of paragliders	Hanus	Guglieri	Garcia-Cueva
10:00h	EMA1	Yuyao Chen	Reduced order aerodynamic modeling for a large capacity airship			
10:30h		Coffe break				
11:00h	ROM1	Stefano Casini	Thermal influence of the screw axial load on a one-millimeter accuracy laser ranged satellite	Chouffot	Sotton	Stumpf
11:30h	UPV1	Sergio Gandia Barberà	Analysis of large-scale structures in turbulent plane Couette flow at low friction Reynolds number			
12:00h	ROM2	Pierluigi Concio	Analysis of throat heat transfer on GOX/GCH4 liquid rocket engine			
12:30h		Lunch break				
13:30h	ENA1	Florian Picaut	Enhancing Mission Effectiveness in Contested Airspace and Degraded Visual Environments Through Advanced Symbology	Stumpf	Marcuccio	Hanus
14:00h	UPM3	Pedro Rivero Ramirez	Statistical Characterization of Biomimetic Gecko Adhesives			

TIME	Paper	ROOM: JWS - 375	SPACE ENGINEERING & TECHNOLOGY	Chairman	Judge #1	Judge #2
09:30h	SUP2	Antoine Leeman	Prototype of a 4-Reaction wheels System for Nanosatellites	Campos	Mieloszk	Vazquez
10:00h	PIS1	Matteo Gemignani	Characterization of low-cost High Altitude Ballons as a near-space testing platform			
10:30h		Coffe break				
11:00h	UPM1	Karl Olfe Garcia	ESAT Three-Axis ADCS Implementation	Marcuccio	Bernelli	Mieloszk
11:30h	GLA1	Iain Moore	Dynamics of a Solar Sail Around an Asteroid			
12:00h	UPM2	Pablo Rodrigo Pascual	Spacecraft Preliminary Design for Ice Monitoring in the Poles: GlazeSAT			
12:30h		Lunch break				
13:30h	ETA1	Killian Melle & Samuel Rapillard	Development and Test Firing of a One-Piece Additively Manufactured Liquid Rocket Engine	Bernelli	Mieloszk	Melkert
14:00h	SEV1	Jose Manuel Montilla Garcia	Analysis of Three-Body Problem Orbits with Application to the Lunar Deep Space Gateway			

TIME	Paper	ROOM: JWS - 427A	AIRCRAFT DESIGN, FLIGHT DYNAMICS, MAINTENANCE	Chairman	Judge #1	Judge #2
09:30h	TOR1	Federico Barra	Development of a Tilt-Rotor Model for Real-Time Flight Simulation	Alonso	Anninghofer	Viaud
10:00h	MIL2	Pierre Garbo	Bidirectional G-Seat for aircraft simulation purpose and method of simulation			
10:30h		Coffe break				
11:00h	MIL1	Davide Comincini	Powertrain sizing of hydrogen-driven aircraft	Alonso	Hanus	Campos
11:30h	TUB1	Eduard Rauer	Methodology to Analyse Handling Qualities under Force Gradient Transitions of an Active Sidestick			
12:00h	SUP3	Mostafa Meliani	Unconstrained high-dimensional Bayesian optimization of an airfoil shape design via multi-fidelity surrogate modeling			
12:30h		Lunch break				
13:30h	SEV3	Cristina Ruiz, P. García Florencio	Failure diagnosis through machine learning	Nardinocchi	Anninghofer	Guglieri
14:00h	EMA2	Thomas Aubrun	Unloading Mechanism using Shape Memory Alloy Actuators for Ball Bearings			

TIME	Paper	ROOM: JWS - 427B	SUBSYSTEMS & INTEGRATION, ASTRODYNAMICS, COMMUNICATIONS, PERFORMANCE	Chairman	Judge #1	Judge #2
09:30h	PIS2	Divyashimha Merugu	1D Analysis of Magnetic Nozzle Plasma Plume of The Hollow Cathode HC-60	Revel	Zenou	Stumpf
10:00h	SEV2	Francisco Jesús Navarro Fuentes & José Damián Pérez Ramirez	Study of the approach trajectories by image recognition system based on artificial intelligence			
10:30h		Coffe break				
11:00h	ENA2	Amélie Gressier	Aerosol Impact on Optical Satellite Transmission	Melkert	Vazquez	Garcia-Cueva
11:30h	CHI3	Jingyi Liu	Energy System Optimization and Simulation for Low-altitude Solar-powered UAVs			
12:00h	BOL2	Francesco Fiori	Delta-DOR Observations using VLBI Antennas			
12:30h		Lunch break				
13:30h	CHI2	Zunru Fu	A Test Method for Testing the Flow of Air Oxygen Supply Equipment	Garcia-Cueva	Chouffot	Vazquez
14:00h	TOR2	Sebastiano Bugno	Evasion Maneuvers with Bouble Lunar Flyby for Interplanetary Missions			