

Monday | November 16, 2026 | Day-1

09:00- 09:30	Registrations	
09:30-09:40	Opening Ceremony by Conference Local Chair Dr. Detlef Hoyer, Technical University of Hamburg, Germany	
Keynote Session		
09:40-10:15	Title: Advanced Aerospace Systems and Technologies Detlef Hoyer, Technical University of Hamburg, Germany	K
10:15-10:50	Title: Mechanical and Aerospace Engineering Gopikrishna Rangarajan, Structural Testing Facility, India	K
10:50-11:05	Coffee Break	
11:05-11:40	Title: An Energy Harvesting - EH Proposal based on Radio Frequency - RF as Node Power Supply Applications in Smart Wireless Sensor Networks -WSNs Diogo Ferreira Lima Filho, Universidade Paulista, Brazil	K
11:40-12:15	Title: Gas Turbine Rotor Blade Cooling Wei Ling Cai & Shyy Woei Chang, National Kaohsiung University of Science and Technology, Taiwan	K
12:15-12:50	Title: Proposals of Structural Systems for VTOL Aircrafts and for Manned Spacecrafts Janusz Rebielak, Cracow University of Technology, Poland	K
12:50-13:00	Group Photo	
13:00-14:00	Lunch Break	
14:00-14:35	Title: Mechanical and Aerospace Engineering Xiyuan Chen, Southeast University, China	K
14:35-15:10	Title: Real-Time Attitude Error and Covariance Propagation for GNSS-Aided In-Motion SINS Alignment Xuyang Jiang, Southeast University, China	K
15:10-15:45	Title: Mechanical and Aerospace Engineering Massimiliano Tosini, University of Padua, Italy	K
15:45-16:20	Title: Mechanical and Aerospace Engineering Roydon Fraser, University of Waterloo, Canada	K
16:20-16:35	Coffee Break	
16:35-17:10	Title: Mechanical and Aerospace Engineering Melanie Berg, Founder and CEO of Space R3 LLC, USA	K
17:10-17:45	Title: Aluminium-Matrix-Composites (AMC) Revolutionized the Lightweight Construction and Push the Boundaries of the Possibilities Marcel Graf, CMMC Engineering, Germany	K
17:45-18:20	Title: Mechanical and Aerospace Engineering Riccardo Trevisiol, University of Padua, Italy	K
	Title: Hybrid Propulsion System Study for an Airliner Robert Jakubowski, Rzeszow University of Technology, Poland	PP
End of Day 1		
Slots Available for Day 2 (November 17, 2026) & Day 3 (November 18, 2026)		

Note: This is a Tentative Program and is Subject to Slight Changes until the Final Program is released.

Virtual Presentations		
10:00-10:20	Title: Smart Space Deployable Structures: From Material-Structure Integration to Space Applications Feng Feng Li , Harbin Institute of technology, China	K
10:20-10:40	Title: Numerical Prediction and Experimental Analysis of the Buckling Loads of SMPC Cylindrical Shells Hanxing Zhao , Harbin Institute of technology, China	K
10:40-11:00	Title: Microbuckling Behavior of Fiber-Reinforced Shape Memory Polymer Composites and their Application in Aerospace Dou Zhang , Harbin Institute of Technology, China	K
11:00-11:25	Title: The New Electret Generator that can use 1.5kv Electret as an Accelerating Voltage by Increasing the Accelerating Field Number from Zero to Two Katsuo Sakai , Electrostatic Power Generation Research Institute, Japan	P
11:25-11:45	Title: Agentic AI in Mechanical and Aerospace Engineering Yuval Cohen , Afeka College of Engineering, Israel	K
11:45-12:05	Title: Mechanical and Aerospace Engineering Gabriel Barcelo Rico Avello , University of Madrid, Spain	K
12:05-12:25	Title: Mechanical and Aerospace Engineering Friedhelm Joege Ulrike Joege , Institute for Solar Energy Research, Germany	K
12:25-12:45	Title: Developing Immersive VR+AI Tours of the ATLAS Detector at the LHC Using VRChat Alexander Sharmazanashvili , Business and Technology University, Georgia	K
12:45-13:05	Title: Mechanical and Aerospace Engineering Yuliv Bludov , University of Minho, Portugal	K
13:05-13:25	Title: Mechanical and Aerospace Engineering Raymond Jagessar , University of Guyana, Guyana	K
13:25-13:45	Title: A Mechanical Engineering Approach for Pancreatic Cancer Diagnosis and Medical Teatment with “ELMAS’s Theory of Thermodynamics” and “5th Law of Thermodynamics” in connection with Medical Teatment by FM Modulated Bio-robotic Resonance and Thermodynamical Interaction Emin Taner Elmas , IGDİR University, Turkey	K
13:45-14:05	Title: Recognition of a New Scientific Paradigm for a Revolution in Cosmology Lorenzi Luciano , Former Astronomer at the Astronomical Observatory of Turin, Italy	K
14:05-14:25	Title: Hotel/Manufacturing Robotic Launch System James M. Mccanney , JMCC Science® LLC and JMCC WING® LLC, USA	K