

International conference on

AEROSPACE & AERONAUTICAL ENGINEERING

July 22, 2025 | Virtual Event



Hosting Organization: Inovine Meetings LLC, 2C Pecan Hill Drive Clinton
Mississippi, 39056 USA | Phone: +1-408-648-2233

July 22, 2025
Virtual

Scientific Program

Oral Presentations

12:30–12:50	Title: The crosslinking behaviors tune the performances of PMR polyimide matrix of advanced carbon fiber composites Baode Zhang Liaoning Petrochemical University, China
12:50–13:10	Title: Azodye Photoaligned Nanolayers for Liquid Crystal Devices: New Displays and Sensor Applications Vladimir G. Chigrinov Hong Kong University of Science and Technology, Hong Kong
13:10–13:30	Title: P-PGITN-Physics of Gyroscopic Inertial Torques Nullification Ryspek Usubamatov Kyrgyz State Technical University after I.Razsakov, Kyrgyzstan
13:30–13:50	Title: AI-Powered Predictive Maintenance Framework for Aircraft Engines Using Flight Data Recorder Logs Allen John Darin J Mahendra Engineering College, India
13:50–14:10	Title: Hybrid Flow Control Over NACA4412 Airfoil Using Surface Roughness Grits and Plasma Actuators Shubham Rahal Indian Institute of Technology Roorkee, India
14:10–14:30	Title: Passive Thermal Control for Cubesats Using Phase Change Materials Dhinesh S Mahendra Engineering College, India
14:30–14:50	Title: Revolutionizing Urban Mobility: The Rise of Hybrid Electric eVTOL Aircraft Tumma Anusha Mahendra Engineering College, India

Poster Presentation

14:50–15:10	Title: Life Estimation Model Based On Performance Parameters In Turbofan Aircraft Engines: A Thermodynamic And Data-Driven Approach Halil Ibrahim Ozdemir Yildiz Technical University, Turkey
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Oral Presentations

15:10–15:30	Title: Aerospace And Aeronautics Industry in Developing Countries Calvin S. Kawere Middle East Technical University (NCC), Turkey
15:30–15:50	Title: Cork-based TPS: Heritage, Properties and Future Potential in Aerospace Joao Campos University of Lisbon, Portugal
15:50–16:10	Title: Diamond-Hardened Bearings Compatible with Lunar Environments Oleg A. Voronov Diamond Materials, Inc. (Diamond Materials of Monroe) PA 18301, USA
16:10–16:30	Title: In-Flight Power Generation for UAVs Using a Deployable Savonius Turbine Aaditya Mathur Khan Lab School, USA
16:30–17:00	Title: will be updaed soon Eduard Babulak Staffordshire University, USA

Panel Discussion
