



**NASA Advisory Council Technology, Innovation, and Engineering Committee
Agenda**

November 30, 2023

NASA's Langley Research Center

Building 2101, Room 300H

Webex Meeting Number: 2764 038 3536; Meeting Password: n@cTIE113023

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FACA Public Meeting, Hybrid

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| 8:30 a.m. EST | Overview of Agenda
Mike Green, Executive Secretary |
| 8:35 a.m. | Opening Remarks
Michael Johns, Chair |
| 8:40 a.m. | Welcome to NASA's Langley Research Center
Clayton Turner, Director, NASA Langley |
| 9:10 a.m. | Space Technology Mission Directorate (STMD) Update
Prasun Desai, Associate Administrator (Acting), STMD |
| 10:10 a.m. | Low Earth Orbit Flight Test of an Inflatable Decelerator (LOFTID) Results
Discussion and Follow-on Research
Joe del Corso, Project Manager, LOFTID |
| 11:10 a.m. | Break |
| 11:25 a.m. | 2020 Space Technology Research Institute Update: Advanced Computational
Center for Entry System Simulation (ACCESS)
Matt Deans, Program Executive for Space Technology Research Grants, STMD
Iain Boyd, Principal Investigator, University of Colorado |
| 12:10 p.m. | Lunch Break |
| 1:10 p.m. | Office of the Chief Engineer Update
Katherine Van Hooser, NASA Deputy Chief Engineer |
| 1:45 p.m. | NASA Nuclear Propulsion Update
Anthony Calomino, Space Nuclear Technologies Lead, STMD |
| 2:30 p.m. | Break |
| 2:45 p.m. | Early Career Initiative presentation on Aerocapture System as an Enabling |

Technology for Ice Giant Missions
Soumyo Dutta, LARC

- 3:30 p.m. Early Career Initiative presentation on Lightweight Surface Manipulation System AutoNomy Capabilities Development for Surface Operations and Construction (LANDO)
Dr. Walter Waltz, Deputy Lead, LANDO, LARC
- 4:15 p.m. Discussion, Findings, and Recommendations
- 5:00 p.m. Adjournment

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