



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

September 5, 2024

**NASA's Glenn Research Center
Guerin Management Center, Building 304**

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FACA Public Meeting, Hybrid

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| 8:30 a.m. EDT | Overview of Agenda
Mike Green, Executive Secretary |
| 8:35 a.m. | Opening Remarks
Michael Johns, Chair |
| 8:40 a.m. | Welcome to NASA's Glenn Research Center
Wanda Peters, Acting Deputy Director, NASA Glenn |
| 9:10 a.m. | Space Technology Mission Directorate (STMD) Update
Clayton Turner, Acting Associate Administrator, STMD |
| 10:00 a.m. | 2024 Shortfalls Ranking Process and Results Overview
Alesyn Lowry, Director for Strategic Planning and Integration, STMD
Michelle Munk, Acting Chief Architect, STMD |
| 10:45 a.m. | NASA Nuclear Systems Update
Anthony Calomino, Space Nuclear Technologies Lead, STMD
Lindsay Kaldon, Fission Surface Power Project Manager, NASA Glenn
Kurt Polzin, Chief Engineer for NASA's Space Nuclear Propulsion Project, NASA Marshall |
| 12:00 p.m. | Lunch Break |
| 12:30 p.m. | Cryogenic Fluid Management Portfolio Update
Lauren Ameen, Deputy Manager, Cryogenic Fluid Management Portfolio Project, NASA Glenn |
| 1:15 p.m. | Commercial Lunar Payload Services Intuitive Machines-2 Technology Demonstrations Overview
Mark Thornblom, Deputy Program Manager, Technical Integration Game Changing Development (GCD) program, NASA Langley |

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| 2:00 p.m. | Break |
| 2:15 p.m. | Early Career Initiative presentation on Mitigating Arc Inception via Transformational Array Instrumentation (MAI TAI)
Meghan Bush, Principal Investigator, MAI TAI, NASA Glenn |
| 3:00 p.m. | Discussion, Findings, and Recommendations |
| 4:00 p.m. | Adjournment |

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