

AM-TPS & Hot-Structures TIM Agenda



Day 1 – Tues, Mar. 24, 2026

Time	Event
7:30 – 8:00AM	Check-In
8:00 – 8:30AM	Welcome – Sidor/Olson/Stewart/NASA JSC Overview/Products of TIM
8:30 – 9:00AM	Welcome – Dr. Rodney Bowersox/TAMU
9:00 – 9:30AM	NASA Funding Opportunities – Gupta/NASA JSC
9:30 – 10:00AM	Texas Space Commission – Norm Garza/Director-TSC
10:00 – 10:15AM	Break
10:15 – 11:00AM	Introduction to the 715 th Test Squadron (AEDC) and ACHILLES Working Group - Dusty Vaughn/USAF
11:00 – 11:30AM	Zephyr – Deena/Intuitive Machines
11:30AM - Noon	HyperSTEP Hypersonic Flight Test Status – Johnson/NASA
Noon – 1:30PM	Lunch
1:30 – 2:30PM	Group Discussion Introductory Presentations (next page)
2:30 – 3:30PM	Group Discussions (3 groups)
3:30 – 5:30PM	AM-TPS Lightning Talks 11 presentations – 9 min each
5:30 – 6:30PM	Social Hour and Poster Session

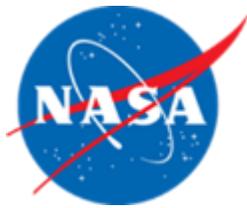
Day 2 – Wed, Mar. 25, 2026

Time	Event
8:00 – 8:15AM	Welcome
8:15 – 8:45AM	Expanding the TPS Testing Capabilities on the Varda Hypersonic Testbed – Kulakhmetov/Varda
8:45 – 9:15AM	Making of High Temperature Coatings for Reusable TPS with Ceramics and UHTC Approaches - Cramer/ORNL
9:15 – 9:45AM	HyperLink – G. Russell/RTCS
9:45 – 10:15AM	TBD Presentation
10:15 – 10:45AM	Break
10:45 – 11:15AM	Blue Origin TPS Applications - Steibel/Blue Origin
11:15 – 11:45AM	UCAH TPS Working Group Recommendations – Zuchowski/LM
11:45AM – 1:15PM	Lunch
1:15 – 3:15PM	Group Discussions (3 Groups)
3:15 – 3:30PM	Break
3:30 – 4:30PM	Group Discussion Out-briefs
4:30 – 5:00PM	Wrap-up and Final Remarks

Day 3 – Thurs, Mar. 26, 2026

Time (Exact Times TBD)	Event
Morning	Hypervelocity Impact Lab (HVIL)
Morning	High Heat Flux Facility
Morning	Robotics and Automation Design (RAD) Lab
Morning	Bush Combat Development Complex (BCDC)

March 4, 2026



Group Discussions



Day 1: Getting TPS & Hot Structures to Flight		Introductory Speaker	Leads
Topic 1A	Preparing for First Test Flight	Raj Venkatapathy	Gerald Russell, Raj Venkatapathy, Peter Marshall
Topic 1B	Path to Flight on Operational Vehicle	Stan Bouslog	David Glass, Morgan Small, Jim Steibel
Topic 1C	Metallic AM-TPS Flight Certification	Tim Smith	Rick Russell, Tim Smith

Day 2: Certifying TPS		Leads
Topic 2A	Preparing for First Test Flight	Gerald Russell, Raj Venkatapathy, Peter Marshall
Topic 2B	Path to Flight on Operational Vehicle	David Glass, Morgan Small, Jim Steibel
Topic 2C	Metallic AM-TPS Flight Certification	Rick Russell, Tim Smith