

# Schedule at a Glance

**72<sup>nd</sup> JPM | PIB Meeting | 53<sup>rd</sup> CS | 41<sup>st</sup> APS  
41<sup>st</sup> EPSS | 35<sup>th</sup> ESHS | 19<sup>th</sup> MSS | 15<sup>th</sup> LPS | 14<sup>th</sup> SPS  
Joint Subcommittee Meeting**

26 - 30 January 2026 | Spokane, WA



Image Credit: Lockheed Martin

## TECHNICAL PROGRAM

This year's technical program currently consists of over 400 presentations in 88 technical sessions; 13 specialist sessions; six workshops; a poster session, and keynote; plus 14 panel meetings. A detailed daily schedule of all sessions, workshops, meetings, and networking activities is provided below and continues through page 33. Detailed agendas of the technical sessions, specialist sessions, and workshops are listed in the Preliminary Program (login required), available on the [Agenda tab](#) of the meeting webpage.

Please note that the agendas of 28 sessions begin with at least one presentation that is restricted at either distribution statement B (U.S. Government only), D (DoD and DoD Contractors only), or E (DoD Components only). Sessions with at least one restricted presentation are indicated in the Schedule at a Glance below and through page 33 with "Open \*". Please review the detailed session agendas on pages 34 - 137 of the Preliminary Program for additional information about the restricted talks and who is eligible to attend them. Presentation and session restrictions are subject to change.

### What are Panel Meetings & why should I attend them?

Subcommittee Panels represent the primary mechanism for collaboration in technical areas of joint interest to JANNAF agencies, the industry, and academia. If you are interested in participating in JANNAF tasks or wish to learn about potential areas for collaboration, please look through the Schedule at a Glance (p. 24-33) for panel meetings that align with your interests.

### SCHEDULE - Sunday, 25 January

On-Site Check-In and Registration Desk:

5:00 p.m. - 7:00 p.m., Convention Center Riverview Lobby

6:00 p.m. - 7:00 p.m.	Early Career Working Group Meeting	Conference Theater	Open
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### Schedule Color Key

Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
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"Open D" and "Open \*" indicate a session with at least one presentation restricted at B, D, or E. "Open S" and "Open S\*" indicate a Secret session.

SCHEDULE - Monday, 26 January - Morning Sessions						
On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203		Morning Sessions: 8:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 - 6:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A		
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (all Monday sessions)				Room 202AB	Closed
8:00 a.m. - 12:05 p.m.	1A	CS	Combustion of Solid Fuels for Ramjet Applications	Room 201	Open *	
8:00 a.m. - 9:05 a.m.	1B	JPM	<b>CANCELLED</b> Propulsion Systems for Space Access - I	Room 202AB	Open	
8:00 a.m. - 10:05 a.m.	1C	APS	Additively Manufactured Components: Characterization and Applications	Room 205	Open *	
8:00 a.m. - 11:35 a.m.	1E	APS	Scramjet Combustion Experiments	Room 206B	Open	
8:00 a.m. - 12:05 p.m.	1F	EPSS	Plume / Wake / Hypersonic Flowfield Measurements	Room 206C	Open *	
8:00 a.m. - 9:35 a.m.	1G	MSS	Simulation Credibility: Verification, Validation, and Uncertainty Quantification	Room 206D	Open	
8:00 a.m. - 10:00 a.m.	1H Part 1	ESHS	PANEL MEETING: Insensitive Munitions: The Present and the Future	Room 207	Open	
10:00 a.m. - 11:05 a.m.	1H Part 2	ESHS	Thermal Decomposition and Cookoff	Room 207	Open *	
11:05 a.m. - 12:05 p.m.	1H Part 3	ESHS	Combustion Vulnerability of Stowed Energetics	Room 207	Open	
8:00 a.m. - 11:05 a.m.	1J	APS	RDE Combustor Modeling	Room 102AB	Open	
8:00 a.m. - 10:05 a.m.	1K	SPS	Alternate Propellant Cathode Technology Research and Development	Room 102CD	Open	

Schedule Color Key			
Session Details	Panel Meetings	Closed Meetings	Networking Opportunities

"Open D" and "Open S\*" indicate a session with at least one presentation restricted at B, D, or E. "Open S" and "Open S\*" indicate a Secret session.

### SCHEDULE - Monday, 26 January - Afternoon Sessions

On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203			Morning Sessions: 8:00 - 12:05 p.m. Afternoon Sessions: 1:30 - 6:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.			Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A		
1:30 p.m. - 4:35 p.m.	1N	CS	Reactive Materials	Room 201	Open D			
4:35 p.m. - 5:35 p.m.	1N	CS	PANEL MEETING: Reactive Materials	Room 201	Open D			
1:30 p.m. - 3:35 p.m.	1O	JPM	Propulsion Systems for Space Access - II	Room 202AB	Open			
1:30 p.m. - 6:05 p.m.	1P	APS	Ramjet Analysis	Room 205	Open			
1:30 p.m. - 3:35 p.m.	1Q	APS	HIFIRE Flight 2-C Technology	Room 206A	Open			
1:30 p.m. - 3:35 p.m.	1R	APS	RDE-Airframe Integration	Room 206B	Open			
1:30 p.m. - 3:05 p.m.	1S	EPSS	Plume / Wake / Hypersonic Flowfield Modeling - I	Room 206C	Open			
1:30 p.m. - 3:05 p.m.	1T	MSS	Propulsion Modeling	Room 206D	Open			
3:05 p.m. - 3:35 p.m.	1T	MSS	PANEL MEETING: Model Based Engineering	Room 206D	Open			
1:30 p.m. - 2:00 p.m.	1U Part 1	ESHS	PANEL MEETING: Cookoff	Room 207	Open			
2:00 p.m. - 5:30 p.m.	1U Part 2	ESHS	WORKSHOP: Cook-off: Design Challenges and Technology for Affordable Testing (Propane and SCO)	Room 207	Open			
1:30 p.m. - 4:35 p.m.	1V	APS	Hydrocarbon Fuels for Hypersonic Applications	Conference Theater	Open *			
1:30 p.m. - 5:35 p.m.	1W	LPS	RDRE - I	Room 102AB	Open			
1:30 p.m. - 2:35 p.m.	1X Part 1	SPS	Electric Propulsion Mission Application Studies	Room 102CD	Open			
3:30 p.m. - 5:05 p.m.	1X Part 2	SPS	Advanced Electric Propulsion Diagnostics Development	Room 102CD	Open			
1:30 p.m. - 3:05 p.m.	1Z	APS	(U) Advancements in High Speed Propulsion and System Design	Fairchild AFB	Open S			

#### Schedule Color Key

Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
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### SCHEDULE - Tuesday, 27 January - Morning Sessions

On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby		Keynote Address: 8:00 - 9:30 a.m. Morning Sessions: 10:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 p.m. - 6:40 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:30 - 10:00 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A	
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (Tuesday sessions and Wednesday AM classified session)			Room 202AB	Closed
8:00 a.m. - 9:30 a.m.	KEYNOTE ADDRESS: Dr. James Weber, <i>Invited</i> - Office of the Under Secretary of War for Research and Engineering. Awards and Announcements			Ballroom 111BC	Open
10:00 a.m. - 5:00 p.m.	JANNAF Technical Executive Committee Meeting			Room 101	Closed
10:00 a.m. - 11:35 a.m.	2A	CS	Combustion Junction, What's That Function	Room 201	Open
10:00 a.m. - 11:35 a.m.	2B	JPM	Propulsion System Materials and Design	Room 202AB	Open
10:00 a.m. - 11:35 a.m.	2C	APS	Design Concepts for Inlets/Aeropropulsion	Room 205	Open
10:00 a.m. - 11:35 a.m.	2D	APS	Variable Geometry Applications	Room 206A	Open
10:00 a.m. - 11:35 a.m.	2E	APS	High-Speed Flow Physics and Aerodynamics	Room 206B	Open
10:00 a.m. - 11:35 a.m.	2F	EPSS	Plume / Wake / Hypersonic Topics	Room 206C	Open *
10:00 a.m. - 11:35 a.m.	2G	MSS	Forecasting Aging in Solid Rocket Propellants	Room 206D	Open
11:35 a.m. - 12:05 p.m.	2G	MSS	PANEL MEETING: Integrated Health Management	Room 206D	Open
10:00 a.m. - 12:00 p.m.	2I	APS	SPECIALIST SESSION: University Consortium of Applied Hypersonics (UCAH) Graduate Student Presentations - I	Conference Theater	Open
10:00 a.m. - 11:35 a.m.	2J	LPS	Propellant Characterization and Performance	Room 102AB	Open *
10:00 a.m. - 12:00 p.m.	2K	SPS	WORKSHOP: Electric Propulsion Operation in the Space Environment and Facility Interactions VIII (EPOSE VIII) - I	Room 102CD	Open
10:00 a.m. - 11:05 a.m.	2L	SPS	<b>CANCELLED</b> Micro/Nano Spacecraft and MicroNewton Propulsion - I	Ballroom 111C	Open
11:00 a.m. - 1:00 p.m.	CS Technical Steering Group Meeting			Room 204	Closed

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Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
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### SCHEDULE - Tuesday, 27 January - Afternoon Sessions

On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203		Keynote Address: 8:00 - 9:30 a.m. Morning Sessions: 10:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 - 6:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Lakeshore Ballroom II-IV 9:30 - 10:00 a.m. in Lakeshore Ballroom II-IV 3:05 - 4:05 p.m. in Lakeshore Ballroom II-IV	
12:00 p.m. - 1:00 p.m.	APS Technical Steering Group Meeting			Room 202C	Closed
1:30 p.m. - 3:35 p.m.	2N	CS	Applied Combustion Diagnostics and Predictive Model Validation ly	Room 201	Open
3:35 p.m. - 3:55 p.m.	2N	CS	PANEL MEETING: Diagnostics	Room 201	Open
1:30 p.m. - 5:05 p.m.	2O	JPM	Advanced Space and Missile Systems	Room 202AB	Open
1:30 p.m. - 5:35 p.m.	2P	APS	Ramjet Design	Room 205	Open *
1:30 p.m. - 4:35 p.m.	2Q	APS	Approaches and Applications and RANS CFD	Room 206A	Open
1:30 p.m. - 3:35 p.m.	2R Part 1	APS	Rotating Detonation Rocket Engines and RBCC Systems	Room 206B	Open
4:00 p.m. - 5:35 p.m.	2R Part 2	APS	RDE Ramjet/Augmentors	Room 206B	Open
1:30 p.m. - 3:35 p.m.	2T	MSS	Model-Based Approaches for Propulsion Testing	Room 206D	Open *
3:35 p.m. - 4:05 p.m.	2T	MSS	PANEL MEETING: Advancing Digital Engineering for Propulsion System Testing	Room 206D	Open
1:30 p.m. - 3:05 p.m.	2U	ESHS	Detonation Physics - I	Room 207	Open *
3:05 p.m. - 4:05 p.m.	2U	ESHS	PANEL MEETING: Shock/Impact-Induced Reactions	Room 207	Open
1:30 p.m. - 5:30 p.m.	2V	APS	SPECIALIST SESSION: University Consortium of Applied Hypersonics (UCAH) Graduate Student Presentations - II	Conference Theater	Open
1:30 p.m. - 6:05 p.m.	2W	LPS	Liquid Propellant Feed and Pressurization Systems	Room 102AB	Open
1:30 p.m. - 6:35 p.m.	2X	SPS	Research and Development of Electric Propulsion with ASCENT Propellant	Room 102CD	Open
1:30 p.m. - 4:35 p.m.	2Y	SPS	Advanced Propulsion	Ballroom 111C	Open
1:30 p.m. - 5:30 p.m.	2Z	APS	(U) SPECIALIST SESSION: MOHAWC: More Opportunities for Hypersonic Air-breathing Weapon Concept	Fairchild AFB	Open S
5:30 p.m. - 7:00 p.m.	JPM/CS/APS/EPSS/ ESHS/MSS/SPS	Poster Session - Authors will be present during this time. Posters will remain on display until Wednesday at 7:00 p.m.		Ballroom 111B	Open

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SCHEDULE - Wednesday, 28 January - Morning Sessions					
On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203		Morning Sessions: 8:00 a.m. - 12:00 p.m. Afternoon Sessions: 1:30 - 6:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A	
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (all Wednesday sessions and Thursday AM classified session)			Room 202AB	Closed
8:00 a.m. - 10:05 a.m.	3A	CS/APS	Experimental and Numerical Research on Scramjet Flameholding and Operability	Room 201	Open
8:00 a.m. - 10:05 a.m.	3B	JPM	Propulsion System Development and Analysis - I	Room 202AB	Open
8:00 a.m. - 11:35 a.m.	3C	APS	Airbreathing Turbopropulsion - I	Room 205	Open
8:00 a.m. - 10:05 a.m.	3D	APS	Thermal Management and FTSl	Room 206A	Open
8:00 a.m. - 9:35 a.m.	3E	SPS	Traditional Propellant Systems	Room 206B	Open
8:00 a.m. - 10:35 a.m.	3F	PIB	SPECIALIST SESSION: National Space Strategies: Access, Mobility, Logistics, and Assembly	Room 206C	Open
8:00 a.m. - 12:00 p.m.	3G	MSS	WORKSHOP: Code Credibility: Uncertainty Quantification Using Probability Boxes	Room 206D	Open
8:00 a.m. - 11:05 a.m.	3H	ESHS	Mesoscale to Continuum Theory, Modeling, and Experimentation - I	Room 207	Open <b>D</b>
8:00 a.m. - 12:00 p.m.	3I	JPM	SPECIALIST SESSION: US Test Facilities: USG, Commercial, Academia - I	Conference Theater	Open
8:00 a.m. - <b>9:35</b> a.m.	3J	LPS	RDRE - II	Room 102AB	Open
8:00 a.m. - 12:00 p.m.	3K	SPS	WORKSHOP: Electric Propulsion Operation in the Space Environment and Facility Interactions VIII (EPOSE VIII) - II	Room 102CD	Open
8:00 a.m. - 9:05 a.m.	3M	EPSS	(U) Plume / Wake / Hypersonic Radiation and Signatures	Fairchild AFB	Open <b>S</b>
8:00 a.m. - 11:00 a.m.	PIB Small and Large Solids Working Group Meeting			Room 204	Closed

Schedule Color Key			
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### SCHEDULE - Wednesday, 28 January - Afternoon Sessions

On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203		Morning Sessions: 8:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 - 5:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A	
12:00 p.m. - 1:20 p.m.	LPS Technical Steering Group Meeting			Room 101	Closed
12:00 p.m. - 1:20 p.m.	MSS Technical Steering Group Meeting			Room 202C	Closed
12:00 p.m. - 1:20 p.m.	SPS Technical Steering Group Meeting			Room 204	Closed
1:30 p.m. - 3:35 p.m.	3N	CS	Liquid Fuel Injection and Combustion in High-Speed Flows	Room 201	Open
1:30 p.m. - 3:35 p.m.	3O	JPM	Sensors and Measurements for Propulsion Application	Room 202AB	Open
1:30 p.m. - 3:05 p.m.	3P	APS	High-Temperature Materials and Applications	Room 205	Open *
1:30 p.m. - 2:35 p.m.	3Q	LPS	Propulsion-Induced Environments - Plume Surface Interaction	Room 206A	Open
1:30 p.m. - 3:05 p.m.	3R Part 1	APS	Experimental Techniques	Room 206B	Open
3:30 p.m. - 5:05 p.m.	3R Part 2	APS	High-Speed Inlets	Room 206B	Open
1:30 p.m. - 5:30 p.m.	3S	EPSS	SPECIALIST SESSION: EPSS/CS/APS Interagency Forum - The JANNAF Thermochemical/Kinetics Database Project	Room 206C	Open
5:30 p.m. - 5:50 p.m.	3S	CS	PANEL MEETING: Kinetics	Room 206C	Open
1:30 p.m. - 4:35 p.m.	3T	MSS	Modeling for Aerospace Vehicles and Energetic Materials	Room 206D	Open *
1:30 p.m. - 4:35 p.m.	3U	ESHS	Mesoscale to Continuum Theory, Modeling, and Experimentation - II	Room 207	Open *
1:30 p.m. - 5:00 p.m.	3V	JPM	SPECIALIST SESSION: US Test Facilities: USG, Commercial, Academia - II	Conference Theater	Open
1:30 p.m. - 3:35 p.m.	3W Part 1	LPS	Combustion Dynamics	Room 102AB	Open
4:00 p.m. - 5:05 p.m.	3W Part 2	LPS	Injector Design and Development	Room 102AB	Open
1:30 p.m. - 5:05 p.m.	3X	SPS	High Power Hall Thruster Research and Development	Room 102CD	Open
1:30 p.m. - 4:30 p.m.	3Z	APS	(U) SPECIALIST SESSION: HAWC: Hypersonic Air-breathing Weapon Concept	Fairchild AFB	Open S
5:30 p.m. - 7:00 p.m.	Attendee Networking Hour - JANNAF Badge required (this event is for attendees only)			Ballroom 111A	Open

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Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
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SCHEDULE - Thursday, 29 January - Morning Sessions					
On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby		Morning Sessions: 8:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 - 6:05 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A	
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (all Thursday sessions and Friday AM classified session)			Room 202AB	Closed
7:30 a.m. - 11:00 a.m.	PIB Large Liquid Propulsion Working Group Meeting			Room 202C	Closed
8:00 a.m. - 9:35 a.m.	4A	CS	Experimental and Numerical Research on Detonations and RDEs	Room 201	Open
8:00 a.m. - 11:35 a.m.	4B	LPS	Advanced Materials for Liquid Propulsion Applications	Room 202AB	Open
8:00 a.m. - 12:05 p.m.	4C	APS	SPECIALIST SESSION: Heat Pipes and High Speed Systems - I	Room 205	Open
8:00 a.m. - 10:05 a.m.	4D	APS	Airbreathing Turbopropulsion - II	Room 206A	Open *
8:00 a.m. - 11:05 a.m.	4E Part 1	APS	Ramjet Prototyping and Development	Room 206B	Open *
11:05 a.m. - 12:05 p.m.	4E Part 2	APS	SPECIALIST SESSION: A Look Back at the Advanced Strategic Air-Launched Missile (ASALM) Propulsion Technology Validation (PTV) Flight Program	Room 206B	Open
8:00 a.m. - 12:05 p.m.	4F	EPSS	Plume / Wake / Hypersonic Flowfield Modeling - II	Room 206C	Open *
8:00 a.m. - 11:05 a.m.	4G	CS	Combustion Stability and other Composite Propellant Efforts	Room 206D	Open
8:00 a.m. - 11:35 a.m.	4H	ESHS	Detonation Physics - II	Room 207	Open *
8:00 a.m. - 12:00 p.m.	4I	MSS/ PEDCS	WORKSHOP: Hydrocodes Modernization - I	Conference Theater	Open *
8:00 a.m. - 10:05 a.m.	4J	LPS	RDRE - III	Room 102AB	Open
10:05 a.m. - 10:35 a.m.	4J	LPS	PANEL MEETING: Combustion Stability	Room 102AB	Open
8:00 a.m. - 10:05 a.m.	4K	SPS	Micro/Nano Spacecraft and MicroNewton Propulsion - II	Room 102CD	Open
10:05 a.m. - 11:05 a.m.	4K	SPS	PANEL MEETING: Micropropulsion Status and Opportunities	Room 102CD	Open

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### SCHEDULE - Thursday, 29 January - Afternoon Sessions

On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby IT Office: 7:00 a.m. - 5:00 p.m. in Room 203		Morning Sessions: 8:00 a.m. - 12:15 p.m. Afternoon Sessions: 1:30 - 5:35 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 4:05 p.m. in Ballroom 111A	
1:00 p.m. - 5:00 p.m.	PIB Executive Committee Meeting			Room 101	Closed
12:00 p.m. - 1:20 p.m.	JPM Program Committee Meeting			Room 202C	Closed
1:30 p.m. - 5:35 p.m.	4N	CS	Combined Effects and Blast Effects Explosives	Room 201	Open *
1:30 p.m. - 5:05 p.m.	4P	APS	SPECIALIST SESSION: Heat Pipes and High Speed Systems - II	Room 205	Open
1:30 p.m. - 5:35 p.m.	4Q	APS	Ramjet Fuels and Materials	Room 206A	Open *
1:30 p.m. - 5:35 p.m.	4R	APS	RDE Combustor Testing	Room 206B	Open *
1:30 p.m. - 5:05 p.m.	4S	EPSS	Composite Scene Signatures of Plume / Wake / Hypersonic Flowfield and Hardbody Configurations	Room 206C	Open *
1:30 p.m. - 5:35 p.m.	4T	APS	Scale Resolving CFD	Room 206D	Open
1:30 p.m. - 3:35 p.m.	4U	ESHS	Energetic Defect Characterization Multi-Scale: Multi-Scaled Experimental Testing, Modeling, and Data Correlation	Room 207	Open *
3:35 p.m. - 4:35 p.m.	4U	ESHS	PANEL MEETING: Energetic Defect Characterization Multi-Scale: Experimental Capabilities and Data Correlation	Room 207	Open
1:30 p.m. - 5:10 p.m.	4V	MSS/ PEDCS	WORKSHOP: Hydrocodes Modernization - II	Conference Theater	Open D
1:30 p.m. - 5:05 p.m.	4W	LPS	Liquid Rocket Engines	Room 102AB	Open
1:30 p.m. - 3:05 p.m.	4X	SPS	ASCENT	Room 102CD	Open
6:30 p.m. - 8:30 p.m.	<b>CANCELLED</b> EPSS Technical Steering Group Meeting			Room 204	Closed
7:00 p.m. - 9:00 p.m.	<b>CANCELLED</b> ESHS Technical Steering Group Meeting			Room 202C	Closed

#### Schedule Color Key

Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
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SCHEDULE - Friday, 30 January - Morning and Afternoon Sessions					
On-Site Check-In and Registration Desk: 7:00 a.m. - 5:00 p.m., Convention Center Riverview Lobby		Morning Sessions: 8:00 a.m. - 12:05 p.m. Afternoon Sessions: 1:30 - 4:35 p.m. Lunch Break (On Your Own): 12:00 - 1:30 p.m.		Networking Area Refreshments: 7:00 - 8:00 a.m. in Ballroom 111A 9:35 - 10:35 a.m. in Ballroom 111A 3:05 - 3:45 p.m. in Ballroom 111A	
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (all Friday sessions)			Room 202AB	Closed
8:00 a.m. - 9:05 a.m.	5B Part 1	JPM	Propulsion System Development and Analysis - II	Room 202AB	Open
9:05 a.m. - 12:05 p.m.	5B Part 2	APS	<b>MOVED FROM SESSION 5R</b> Turbine-based Combined Cycles	Room 202AB	Open
8:00 a.m. - 10:05 a.m.	5D	LPS	RDRE - IV	Room 206A	Open
10:05 a.m. - 10:35 a.m.	5D	LPS	PANEL MEETING: Rotating Detonation Rocket Engine	Room 206A	Open
8:00 a.m. - 9:35 a.m.	5E	SPS	Hall and Ion Thruster Modeling and Simulation	Room 206B	Open
9:35 a.m. - 10:35 a.m.	5E	SPS	PANEL MEETING: Electric Propulsion	Room 206B	Open
8:00 a.m. - <b>11:35 a.m.</b>	5F	APS	SPECIALIST SESSION: Heat Pipes and High Speed Systems - III	Room 206C	Open
8:00 a.m. - <b>10:05 a.m.</b>	5G	CS	Combustion Diagnostics Development and Applications	Room 206D	Open *
<b>8:00 a.m. - 11:05 a.m.</b>	5O	JPM	<b>NEW SESSION TIME (WAS PM)</b> Oblique Detonation Engines and Uncertainty Quantification	Room 205	Open
<b>11:00 a.m. - 12:00 p.m.</b>	<b>TIME CHANGE</b> APS WORKING GROUP MEETING: Engineering vs Research Challenges in Heat Pipe Applications and Development			Room 204	Open
1:30 p.m. - 2:35 p.m.	5Q	APS	<b>CANCELLED, PAPERS MOVED</b> Oblique Detonation Engines and Uncertainty Quantification	Room 206A	Open
1:30 p.m. - 4:35 p.m.	5R	APS	<b>MOVED TO SESSION 5B PART 1</b> Turbine-based Combined Cycles	Room 206B	Open
1:30 p.m. - 4:30 p.m.	5S	EPSS	<b>CANCELLED, PAPERS MOVED</b> SPECIALIST SESSION: EPSS Tutorial: Advanced Diagnostic Capabilities to Obtain Detailed Validation Measurements	Room 206C	Open
1:30 p.m. - 3:05 p.m.	5T	CS	<b>CANCELLED, PAPER MOVED TO 5G</b> Combustion and Modeling of Nitrates, Metals	Room 206D	Open

Schedule Color Key			
Session Details	Panel Meetings	Closed Meetings	Networking Opportunities
"Open D" and "Open *" indicate a session with at least one presentation restricted at B, D, or E. "Open S" and "Open S*" indicate a Secret session.			