

## JANNAF June 2019 Meeting Schedule at-a-Glance

SCHEDULE - Monday, 3 June					
7:00 a.m. - 5:00 p.m.	On-Site Check-In and Registration Desk Open			Convention Center - 3rd Floor	
7:00 a.m. - 5:00 p.m.	I.T. Office Open (for Presenters and Session Chairs needing technical assistance)			Room 301	Open
7:00 a.m. - 8:00 a.m.	Networking Area Refreshments			Rooms 305-306	Open
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (Monday Sessions)			Room 307	Closed
8:00 a.m. - 4:30 p.m.	Reading Room			Room 307	Open
<b>8:00 a.m. - 12:05 p.m.</b>	<b>Monday Morning Technical Sessions, Workshop, and Specialist Sessions</b>				
8:00 a.m. - 11:05 a.m.	IA	JPM	Propulsion and Flight Test Facilities	Room 202	Open
8:00 a.m. - 12:05 p.m.	IB	JPM/MSS	<i>SPECIALIST SESSION:</i> Development of JANNAF Rotating Detonation Rocket Engine Ideal Performance Methods	Room 203	Open
8:00 a.m. - 11:05 a.m.	IE	APS	Ramjet Design and Analysis	Room 303	Open
8:00 a.m. - 11:05 a.m.	IF	EPSS	Flowfield Measurements	Room 304	Open
8:25 a.m. - 11:55 a.m.	IG	CS	<i>WORKSHOP:</i> Propellant Burning Rate Measurement Techniques	Rooms 308-309	Open
8:00 a.m. - 12:05 p.m.	IH	APS	<i>SPECIALIST SESSION:</i> Hypersonic Airbreathing Vehicle Designs and Methods - I	Rooms 310-311	Open
9:35 a.m. - 10:35 a.m.	Networking Area Refreshments			Rooms 305-306	Open
12:00 p.m. - 1:30 p.m.	JPM Planning Meeting			Room 205	Closed
12:00 p.m. - 1:30 p.m.	Lunch Break - <i>On Your Own</i>				
<b>1:30 p.m. - 7:05 p.m.</b>	<b>Monday Afternoon Technical Sessions, Workshop, Specialist Session, and Panel Meetings</b>				
1:30 p.m. - 2:35 p.m.	IM	JPM	Solid Rocket Propulsion Technologies	Room 202	Open
1:30 p.m. - 5:35 p.m.	IN	JPM/PSHS	<i>WORKSHOP:</i> Introduction to the GOTChA Process as Used for Joint Enhanced Munitions Technology Program (JEMTP) - Munitions Area Technology Group (MATG) I	Room 203	Open
1:30 p.m. - 5:35 p.m.	IO	CS	Alternative Propellant Modeling and Characterization	Room 204	Open
1:30 p.m. - 2:35 p.m.	IQ	APS	Scramjet Controls	Room 303	Open
2:35 p.m. - 4:35 p.m.	IQ	APS	<i>PANEL MEETING:</i> Active Combustion Control	Room 303	Open
1:30 p.m. - 5:35 p.m.	IR	EPSS	Flowfield Modeling	Room 304	Open
5:35 p.m. - 7:05 p.m.	IR	EPSS	Collaborative Discussions Between NASA and the DoD	Room 304	Open
1:30 p.m. - 3:35 p.m.	IS	CS	Diagnostics	Rooms 308-309	Open
4:05 p.m. - 5:05 p.m.	IS	CS	<i>PANEL MEETING:</i> Flowfield Diagnostics	Rooms 308-309	Open
1:30 - 4:30 p.m.	IT	APS	<i>SPECIALIST SESSION:</i> Hypersonic Airbreathing Vehicle Designs and Methods - II	Rooms 310-311	Open
1:30 p.m. - 3:35 p.m.	IU	APS	Advances in Airbreathing Propulsion Research (U)	WPAFB-Bldg 146	Open
3:05 p.m. - 4:05 p.m.	Networking Area Refreshments			Rooms 305-306	Open
5:00 p.m. - 7:00 p.m.	<i>WORKING GROUP MEETING:</i> Inflow Profile Effects			Room 205	Closed

Schedule Color Key			
	Meeting Services		Concurrent Sessions or Panel Meetings
	Networking Opportunities		Session Details
	Closed Meetings		Panel, Town Hall, & Working Group Meetings

## SCHEDULE - Tuesday, 4 June

7:00 a.m. - 5:00 p.m.	On-Site Check-In and Registration Desk Open			Convention Center - 3rd Floor	
7:00 a.m. - 5:00 p.m.	I.T. Office Open (for Presenters and Session Chairs needing technical assistance)			Room 301	Open
7:00 a.m. - 8:00 a.m.	Networking Area Refreshments			Rooms 305-306	Open
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (Tuesday Sessions)			Room 307	Closed
8:00 a.m. - 10:00 a.m.	KEYNOTE ADDRESS: "Towards a Coherent National Strategy in Hypersonics" Dr. Mark J. Lewis, IDA STPI <i>Awards and Announcements</i>			Theater 312	Open
8:00 a.m. - 4:30 p.m.	Reading Room			Room 307	Open
9:30 a.m. - 10:00 a.m.	Networking Area Refreshments			Rooms 305-306	Open
10:00 a.m. - 6:00 p.m.	JANNAF Technical Executive Committee Meeting			Room 206	Closed
<b>10:00 a.m. - 12:05 p.m.</b>	<b>Tuesday Morning Technical Sessions, Plenary, and Town Hall Meeting</b>				
10:00 a.m. - 12:05 p.m.	2A	APS	Characterization and Development of High-temperature Material Systems - I	Room 202	Open
10:00 a.m. - 11:35 a.m.	2B	JPM/CS	Gun Propulsion Modeling	Room 203	Open
10:00 a.m. - 11:05 a.m.	2C	CS	Green Propellants: Test Firing	Room 204	Open
11:05 a.m. - 11:35 a.m.	2C	CS	<i>TOWN HALL MEETING: CS Liquids</i>	Room 204	Open
11:00 a.m. - 12:05 p.m.	2D	PSHS	Shock / Impact-Induced Reactions - I	Room 302	Open
10:00 a.m. - 11:35 a.m.	2E	EPSS	Flowfield Signature Tools	Room 303	Open
10:00 a.m. - 12:05 p.m.	2F	PSHS	Energetic Liquid Hazards - I	Room 304	Open
10:00 a.m. - 12:05 p.m.	2G	APS	Multi-disciplinary Analysis Methods for High-speed Platforms	Rooms 308-309	Open
10:00 a.m. - 11:35 a.m.	2H	JPM/MSS	Digital Engineering - I	Rooms 310-311	Open
12:05 p.m. - 1:30 p.m.	Lunch Break - <i>On Your Own</i>				
<b>1:30 p.m. - 6:05 p.m.</b>	<b>Tuesday Afternoon Technical Sessions, Specialist Session, and Town Hall and Panel Meetings</b>				
1:30 p.m. - 3:35 p.m.	2M	APS	Characterization and Development of High-Temperature Material Systems - II	Room 202	Open
1:30 p.m. - 5:05 p.m.	2N	JPM/CS	Gun Ballistic Simulators and Propellant Characterization	Room 203	Open
5:05 p.m. - 6:05 p.m.	2N	CS	<i>TOWN HALL MEETING: Guns</i>	Room 203	Open
1:30 p.m. - 4:35 p.m.	2O	CS	MON-25 Applications	Room 204	Open
1:30 p.m. - 3:05 p.m.	2P	PSHS	Shock / Impact-induced Reactions - II	Room 302	Open
3:35 p.m. - 4:35 p.m.	2P	PSHS	<i>PANEL MEETING: Shock / Impact-Induced Reactions</i>	Room 302	Open
1:30 p.m. - 6:05 p.m.	2Q	APS	Fuel Technology	Room 303	Open
1:30 p.m. - 4:35 p.m.	2R	PSHS	Energetic Liquid Hazards - II	Room 304	Open
4:35 p.m. - 5:05 p.m.	2R	PSHS	<i>PANEL MEETING: Energetic Liquid Hazards</i>	Room 304	Open
1:30 p.m. - 5:05 p.m.	2S	APS	Rotating Detonation Engine Technologies	Rooms 308-309	Open
1:30 p.m. - 2:35 p.m.	2T	JPM/MSS	<i>SPECIALIST SESSION: Hypersonic Propulsion Codes Demonstration - I</i>	Rooms 310-311	Open
1:30 p.m. - 6:05 p.m.	2U	APS	<i>SPECIALIST SESSION: Hypersonic Programs Overview (U)</i>	WPAFB-Bldg 146	Open
3:05 p.m. - 4:05 p.m.	Networking Area Refreshments			Rooms 305-306	Open

### Schedule Color Key

	Meeting Services		Concurrent Sessions or Panel Meetings
	Networking Opportunities		Session Details
	Closed Meetings		Panel, Town Hall, & Working Group Meetings

## SCHEDULE - Wednesday, 5 June

7:00 a.m. - 5:00 p.m.	On-Site Check-In and Registration Desk Open			Convention Center - 3rd Floor	
7:00 a.m. - 5:00 p.m.	I.T. Office Open (for Presenters and Session Chairs needing technical assistance)			Room 301	Open
7:00 a.m. - 8:00 a.m.	Networking Area Refreshments			Rooms 305-306	Open
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (Wednesday Sessions)			Room 307	Closed
8:00 a.m. - 4:30 p.m.	Reading Room			Room 307	Open
<b>8:00 a.m. - 12:05 p.m.</b>	<b>Wednesday Morning Technical Sessions, Specialist Sessions, and Panel Meeting</b>				
8:00 a.m. - 10:05 a.m.	3A	JPM	Technology Development for Space Launch	Room 202	Open
8:00 a.m. - 12:05 p.m.	3B	JPM	Digital Engineering - II	Room 203	Open
8:00 a.m. - 12:05 p.m.	3C	JPM/MSS	<i>SPECIALIST SESSION:</i> Digital Engineering Methods Including Digital Twin and Augmented Reality - I	Room 204	Open
8:00 a.m. - 10:35 a.m.	3D	CS	Explosive Effects - I	Room 302	Open
8:00 a.m. - 11:35 a.m.	3E	APS	Small Turbopropulsion Technology - I	Room 303	Open
8:00 a.m. - 12:05 p.m.	3F	CS	Scramjet Cold-start - I	Room 304	Open
8:00 a.m. - 11:35 a.m.	3G	PSHS	Cook-off	Rooms 308-309	Open
11:35 a.m. - 12:05 p.m.	3G	PSHS	<i>PANEL MEETING:</i> Cook-off	Rooms 308-309	Open
8:00 a.m. - 12:00 p.m.	3H	EPSS/CS/ APS	<i>SPECIALIST SESSION:</i> Joint EPSS/CS/APS TUTORIAL - Turbulent Chemistry Effects on Plume Signatures	Rooms 310-311	Open
8:00 a.m. - 11:35 a.m.	3I	APS	<i>SPECIALIST SESSION:</i> Hypersonic Airbreathing Vehicle Designs and Methods - III (U)	WPAFB-Bldg 146	Open
9:35 a.m. - 10:35 a.m.	Networking Area Refreshments			Rooms 305-306	Open
12:00 p.m. - 1:30 p.m.	Lunch Break - <i>On Your Own</i>				
12:00 p.m. - 1:30 p.m.	CS Technical Steering Group Meeting			Room 205	Closed
12:00 p.m. - 2:00 p.m.	PIB Executive Committee Meeting			Room 206	Closed
<b>1:30 p.m. - 5:35 p.m.</b>	<b>Wednesday Afternoon Technical Sessions, Specialist Sessions, and Town Hall and Panel Meetings</b>				
1:30 p.m. - 3:35 p.m.	3M	APS	Experimental Techniques for Extreme Environment Structural Testing	Room 202	Open
1:30 p.m. - 5:05 p.m.	3N	APS	Ramjet Design and Fuel Studies	Room 203	Open
1:30 p.m. - 5:00 p.m.	3O	JPM/MSS	<i>SPECIALIST SESSION:</i> Digital Engineering Methods Including Digital Twin and Augmented Reality - II	Room 204	Open
1:30 p.m. - 3:05 p.m.	3P Part I	CS	Explosive Effects - II	Room 302	Open
3:05 p.m. - 3:35 p.m.	3P Part I	CS	<i>TOWN HALL MEETING:</i> Explosives and Enhanced Blast	Room 302	Open
4:05 p.m. - 5:05 p.m.	3P Part 2	PIB	<i>SPECIALIST SESSION:</i> Return of Large Scale Upper Stage Rocket Thermal-Vacuum and Altitude Hot-fire Test Capability to the U.S.	Room 302	Open
1:30 p.m. - 3:05 p.m.	3Q Part I	APS	Small Turbopropulsion Technology - II	Room 303	Open
4:05 p.m. - 5:35 p.m.	3Q Part 2	JPM/MSS	<i>SPECIALIST SESSION:</i> Hypersonic Propulsion Codes Demonstration - II	Room 303	Open
1:30 p.m. - 5:35 p.m.	3R	CS	Scramjet Cold-start - II	Room 304	Open
1:30 p.m. - 5:05 p.m.	3S	CS	Modeling and Simulation of Solid Propellant Combustion	Rooms 308-309	Open
5:05 p.m. - 5:35 p.m.	3S	APS/CS	<i>TOWN HALL AND PANEL MEETING:</i> Kinetics and Related Aspects of Propellant and Explosives Chemistry	Rooms 308-309	Open
1:30 p.m. - 5:35 p.m.	3U	EPSS	Comparisons Against Measurement (U)	WPAFB-Bldg 146	Open
1:30 p.m. - 5:30 p.m.	<i>APS WORKING GROUP / PANEL MEETING:</i> Pressure Gain Combustion			Room 208	Closed
3:00 p.m. - 4:05 p.m.	Networking Area Refreshments			Rooms 305-306	Open
6:00 p.m. - 8:00 p.m.	Networking Night - Dinner and Cash Bar <i>JANNAF Badge or Guest Ticket required</i>			Crowne Plaza Presidential Ballroom	Open

## SCHEDULE - Thursday, 6 June

7:00 a.m. - 5:00 p.m.	On-Site Check-In and Registration Desk Open			Convention Center - 3rd Floor	
7:00 a.m. - 5:00 p.m.	I.T. Office Open (for Presenters and Session Chairs needing technical assistance)			Room 301	Open
7:00 a.m. - 8:00 a.m.	Networking Area Refreshments			Rooms 305-306	Open
7:15 a.m. - 7:30 a.m.	Session Chair Meeting (Thursday Sessions)			Room 307	Closed
8:00 a.m. - 12:00 p.m.	PIB Liquid Propellant Working Group			Room 205	Closed
8:00 a.m. - 4:30 p.m.	Reading Room			Room 307	Open
<b>8:00 a.m. - 12:05 p.m.</b>	<b>Thursday Morning Technical Sessions, Specialist Sessions, and Panel Meetings</b>				
8:00 a.m. - 11:35 a.m.	4A	JPM	Model Validation and Uncertainty Quantification	Room 202	Open
11:35 a.m. - 12:05 p.m.	4A	MSS	<i>PANEL MEETING: Simulation Credibility</i>	Room 202	
8:00 a.m. - 11:05 a.m.	4B	CS	Reactive Materials - I	Room 203	Open
8:00 a.m. - 11:35 a.m.	4C	CS	Green Propellants: Modeling and Studies	Room 204	Open
8:00 a.m. - 11:05 a.m.	4D	CS	Experimental Solid Propellant / Fuel Combustion	Room 302	Open
8:00 a.m. - 10:05 a.m.	4E	APS	Design Approaches for High-speed Airbreathing Systems	Room 303	Open
10:35 a.m. - 11:35 a.m.	4E	APS	<i>PANEL MEETING: Structures and Materials</i>	Room 303	Open
8:00 a.m. - 12:00 p.m.	4F	PIB	<i>SPECIALIST SESSION: PropSIMA Database Analysis and DOC Survey Results</i>	Room 304	Open
8:00 a.m. - 12:05 p.m.	4G	APS	<i>SPECIALIST SESSION: Recent Progress - Air-Breathing Pressure Gain Combustion</i>	Rooms 308-309	Open
8:00 a.m. - 9:05 a.m.	4H	APS	Scramjet Testing at the Calspan-University at Buffalo Research Center	Rooms 310-311	Open
8:00 a.m. - 11:55 a.m.	4I	EPSS/APS	<i>SPECIALIST SESSION: Joint EPSS/APS TUTORIAL - Signature Prediction Techniques for Hypersonic Plume/Hardbody Configurations (U)</i>	WPAFB-Bldg 146	Open
9:30 a.m. - 10:35 a.m.	Networking Area Refreshments			Rooms 305-306	Open
12:00 p.m. - 1:30 p.m.	Lunch Break - <i>On Your Own</i>				
12:00 p.m. - 1:30 p.m.	MSS Technical Steering Group Meeting			Room 207	Closed
12:00 p.m. - 1:30 p.m.	APS Technical Steering Group Meeting			Room 208	Closed
<b>1:30 p.m. - 7:05 p.m.</b>	<b>Thursday Afternoon Technical Sessions, Specialist Session, and Panel Meetings</b>				
2:00 p.m. - 5:35 p.m.	4M	EPSS	Composite Signatures and Environment Effects	Room 202	Open
1:30 p.m. - 3:05 p.m.	4N	CS	Reactive Materials - II	Room 203	Open
3:05 p.m. - 3:35 p.m.	4N	CS	<i>PANEL MEETING: Reactive Materials</i>	Room 203	Open
1:30 p.m. - 4:35 p.m.	4O	CS	Green Propellants: Hardware and Performance	Room 204	Open
1:30 p.m. - 6:05 p.m.	4P	APS	Advanced and Combined Cycle Engines	Room 302	Open
1:30 p.m. - 5:05 p.m.	4Q	APS	Recent Scramjet Testing	Room 303	Open
5:05 p.m. - 6:05 p.m.	4Q	APS	<i>PANEL MEETING: Engine Test and Validation</i>	Room 303	Open
1:30 p.m. - 5:35 p.m.	4R	APS	Component Modeling Simulation	Room 304	Open
5:35 p.m. - 6:35 p.m.	4R	APS	<i>PANEL MEETING: Component-level and Physical Modeling</i>	Room 304	Open
1:30 p.m. - 5:00 p.m.	4S	PIB	<i>SPECIALIST SESSION: Launch and Propulsion System Reusability</i>	Rooms 308-309	Open
1:30 p.m. - 4:35 p.m.	4T	PSHS	Insensitive Munitions Technology	Rooms 310-311	Open
4:35 p.m. - 5:20 p.m.	4T	PSHS	<i>PANEL MEETING: Insensitive Munitions Technology</i>	Rooms 310-311	Open
3:05 p.m. - 4:05 p.m.	Networking Area Refreshments			Rooms 305-306	Open
6:00 p.m. - 8:00 p.m.	PSHS Technical Steering Group Meeting			Room 205	Closed
6:00 p.m. - 8:00 p.m.	EPSS Technical Steering Group Meeting			Room 207	Closed

## SCHEDULE - Friday, 7 June

8:00 a.m. - 12:05 p.m.	5D	APS	WORKSHOP: AFRL MSCC Test Status	Rooms 302-303	Open
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### Schedule Color Key

	Meeting Services		Concurrent Sessions or Panel Meetings
	Networking Opportunities		Session Details
	Closed Meetings		Panel, Town Hall, & Working Group Meetings