

## 2026 Combined Light Armor Survivability Panel (CLASP) Agenda

Tuesday, 10 February 2026			
Time	Title	Presenter	Organization
0700 - 0800	Registration and Check-in		
0800 - 0815	Introduction and Welcome	Dan Camp and Jeff Lloyd	AvMC / ARL
0815 - 1145	Metallic Armor		
	Ballistic Barrier Technology for Munition Protection	Michael Bonanno	NSWC - Indian Head
	Assessment of Friction Stir Welding and Pulsed Gas Metal Arc Welding of Armor Steels for Ballistic Performance	Antonio Ramirez and Martin McDonnell	Ohio State / GVSC
	Door Armor for Civilian Armored Vehicles	Alex Arbizo	US Dept of State
	Break		
	High Performance Steel Evaluation	Krista Limmer	ARL
	Additive Manufactured AF9628 for Small Arms Mitigation	Nathaniel Helminiak	West Point
	Laminated Metallic Armor	George Tunis	Hardwire
1145 - 1315	Lunch		
1315 - 1615	Opaque Ceramic Armor		
	Preliminary Demonstration of the Increased Stopping Power of Nanocrystalline Ceramics	James Wollmershauser	NRL and APEX
	Response of Diamond-Ceramic Composites to High-Velocity Projectile Impact	Anthony DiGiovanni	ARL
	Advancements in Armor Materials for Enhanced Lightweight Armor	Pat Gillich and Kris Behler	ARL
	Break		
	Ceramic Armor Aging Study	Ronald Cervone	Marine Corps Systems Command
	The Effects of Test Methodology on Lightweight Armor	Erik Johnson	Integris Composites
1615	Day 1 Adjourn		
1630	Group Social: Location TBD		

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0700 - 0800	Registration and Check-in		
0800 - 0815	Day 2 Welcome and Announcements	Dan Camp and Jeff Lloyd	AvMC / ARL
0815 - 0945	Transparent Armor		
	Integration of hybrid glass-acrylic transparent armor	Matt Magner	GVSC
	Factors Affecting Delamination in Transparent Armor under Accelerated Environmental Aging Conditions	David Hurley	MITRE
	Advanced Sealants for Extended Transparent Armor Service Life	Jesse Kelly	Luna Labs
	Break		
1000 - 1200	Composite Armor		
	Ballistic Protection Infantry Assault Rifles with UHMWPE Armor	Pat Gillich	ARL
	Computer Modeling of Ballistic Impact on Various Composite Light Armor Solutions	Sidney Chocron	SWRI
	High-Energy Behind Armor Blunt Trauma	Erika Matheis	SURVICE (ARL)
	Cross-Laminated Timber for Forward Operating Base Fortification	Nathaniel Helminiak	West Point
1200 - 1315	Lunch		
1315 - 1500	Other Vulnerability Reduction Topics		
	Enhancing Light-Armor Protection: A Comprehensive Taxonomy of Small-Caliber Rifle Projectiles	Pat Gillich	ARL
	Imaging Techniques to Assess Personal Protective Equipment	Erika Matheis	SURVICE (ARL)
	More Energy, More Capability: Safe Water-Based Lithium-Ion Batteries	Arthur Cresce	ARL
	Closing Remarks and Announcements	Dan Camp and Jeff Lloyd	AvMC / ARL
	Break		
1515 - 1615	After Action Review	Dan Camp and Jeff Lloyd	AvMC / ARL
1615	Adjourn		