

Joint All-Domain Global Moving Target Indication Workshop

Draft Agenda (last updated 18 March 2024)

Tuesday, 26 March 2024

0800 - 0845	Registration <i>IDA</i>
0845 - 0855	Welcome Ms. Sarah Stewart , MORS President Elect
0855 – 0900	Keynote Introduction Heather Wilkinson , Workshop Chair
0900 – 1000	Keynote Mr. Chan Swallow , Principal Deputy Director, Headquarters Air Force Studies and Analysis (SAF/SA), Office of the Secretary of the Air Force
1000 - 1700	Presentations

Time	Topic	Speaker	Title
1000 -1100	Setting the Stage – What Challenges do we face that MTI aims to solve? How does Space MTI support those objectives? What would be required to integrate existing capability to address the majority aims of MTI? What are the open challenges?	Jon TenEyck	MTI Overview
1100 - 1105	What systems exist that can begin to close the gap	Heather Wilkinson	Chair Introduction to Session A Focus
1105 - 1135		Robert Ryland	Long GMTI Radar: System Overview and Design Rationale
1135 - 1220		Heather Wilkinson	Chair Facilitated Discussion
1220 - 1330	Lunch		
1330 - 1335	MTI Processing Challenges and Solutions	Heather Wilkinson	Chair Introduction of Topic

1335 - 1435		Grant Karamyan	Space-Based Moving Target Indication Development at Aerospace
1435 - 1445	BREAK		
1445 - 1515		Kevin LaTourette	Multi-Phenomenology MTI Processing
1515 - 1545		Sapan Agarwal	Enabling High-Speed, High-Resolution Space-Based Focal Plane Arrays with Analog In-Memory Computing
1545 - 1630		Heather Wilkinson	Chair Facilitated Discussion
1630 - 1700		Synthesis	

Wednesday, 27 March 2024

0830 - 0900

Registration
IDA

Time	Topic	Speaker	Title
0900 - 0915	Custody and Fusion Challenges and Solutions	Heather Wilkinson	Chair Introduction of Topic
0915 - 0945			
0945-1015		Tiffany Lam	Space-based GMTT Systems with Integrated Road-Assisted Network
1015-1100		Heather Wilkinson	Chair Facilitated Discussion
1100 - 1200	Lunch		
1200 - 1215	Modeling Challenges and Solutions: Long Range Kill Chain	Heather Wilkinson	Chair Introduction of Topic
1215 - 1245		Scott Abbott	Satellite Communication in Wargaming
1245 - 1315		Austin Klaus	Feasibility Analysis Methodology with MTI Case Studies
1315 - 1400		Heather Wilkinson	Chair Facilitated Discussion
1400 - 1415	BREAK		
1415 - 1420	Integration Challenges and Solutions	Heather Wilkinson	Chair Introduction of Topic
1420 - 1450		Chuck Burdick	Supplementing a Space-Based MTI System with Existing and Future Terrestrial and Airborne MTI resources
1450 - 1600		Heather Wilkinson	Chair Facilitated Discussion