

Aerospace Medical Association 91st Annual Scientific Meeting Schedule

Denver Sheraton Downtown, Denver, CO, August 29 – September 3, 2021

MONDAY, August 30

	GOVERNOR'S SQUARE 14	GOVERNOR'S SQUARE 15	PLAZA A/B	PLAZA D/E	PLAZA F	GOVERNOR'S SQUARE 12	EXHIBIT HALL
8:00-9:30 a.m.	PLAZA BALLROOM—OPENING CEREMONIES AND 66TH Louis H. Bauer Lecture—Brig. Gen. (Dr.) Paul Friedrichs: "The Urgency of Doing"						
10:30-12:00 a.m. Noon	HP. PANEL Cognitive Performance Testing for the Aerospace Environment	ATM: SLIDE The Corona-Coaster	SPACE. PANEL Impacts of Diversity in Astronautics and Aerospace Medicine	SPACE. SLIDE Risky Business in Space	CLINICAL. SLIDE Clinical Case Presentations & Aeromedical Decision Making	CLINICAL. PANEL Flying with PTSD – An 8-yr Review of PTSD Disqualifications & Waivers In The USAF	
Noon-2:00 p.m.	SPECIAL LUNCHEONS—CAMA, Navy, Air Force, Army, Aerospace Human Factors, Corporate Forum						
2:00-3:30 p.m. p.m.	HP. SLIDE In-Flight Fatigue Assessments for Military and Commercial Pilots	ATM: SLIDE The APPLication of En-Route Data	SPACE. PANEL Enabling Progressively Autonomous Medical Operations for Space Exploration	CLINICAL. PANEL FAA ...Update on ...HIV Effects on Neurocognitive Function	HP. SLIDE New Lessons in Aircrew Training	CLINICAL. SLIDE Professional Development, Ethics & Mental Health	
4:00 - 5:30 p.m. p.m.	HP. PANEL What and Who Killed Kobe Bryant: A Modeling Perspective	SAFETY. SLIDE Take a Deep Breath, Protect your Hearing & Make a Clean Escape	SPACE. PANEL Women's Health Considerations for Exploration Spaceflight	CLINICAL. PANEL AeroNeuroscience – What's the Evidence?	HP. SLIDE Back and Neck Injuries	SPACE. SLIDE You Want Me to Wear What in Space, Doc?	

TUESDAY, August 31

8:30-10:00 a.m. a.m.	GRAND BALLROOM—7th MEMORIAL REINARTZ LECTURE—Dr. Anthony Wagstaff: "The Feedback Loop of Aerospace Medicine and Human Performance"						
10:30-12:00 a.m. Noon	HP. PANEL Lessons Learned & Innovations for Enhancing Human Systems Integration	HP. PANEL Automation in Aerospace & Healthcare: Challenges & Opportunities	SPACE. PANEL The Historic NASA/SPACEX Demo-2 Commercial Crew Test-Flight Mission—Pt. 1	CLINICAL. PANEL Navy RAM Grand Rounds—pre-recorded	OTHER. PANEL Women Pioneers in Aviation & Aerospace Medicine: Lessons on Leadership	SPACE. SLIDE Going for The Jugular: Venous Physiology in Spaceflight	
Noon-2:00 p.m.	AEROSPACE MEDICAL ASSOCIATION LUNCH AND BUSINESS MEETING						
2:00 - 3:30 p.m. p.m.	HP. PANEL Short-Haul, Multi-Segment Flight Operations	ATM: PANEL Effects of Hypobaric During Aeroevac in Multiple Pre-Clinical Polytrauma Research Models	SPACE. PANEL The Historic NASA/SPACEX Demo-2 Commercial Crew Test-Flight Mission—Pt. 2	CLINICAL. PANEL Complex Problems & Novel Solutions from Junior and Future Flight Surgeons Leading Innovation	SPACE. SLIDE Topics in Space Medicine Practice	HP. PANEL USAF Distributed Common Ground Station Operator Occupational Stress	POSTERS: AsMA Committees, Constituents, and Affiliates
4:00 - 5:30 p.m. p.m.	HP. PANEL Hypoxia Research from the Past to the Future	SAFETY. SLIDE Characterizing Accident Rates & Severity	SPACE. PANEL Spaceflight Associated Neuro-Ocular Syndrome (SANS)	CLINICAL. PANEL Resident Grand Rounds	SPACE. SLIDE Life & Death in Space	CLINICAL. PANEL Aviation Dentistry. Digital Advances & Related Issues	

WEDNESDAY, September 1

8:30-10:00 a.m. a.m.	HP. PANEL Making Sense of Special Senses	HP. PANEL Applications & Limitations of Personality Assessments in Aviation—Research	SPACE. PANEL Developing an Extreme Environment Medical System – Lessons from the Orion Spacecraft	CLINICAL. PANEL Garrison Comprehensive Medical Readiness Program for Flight Surgeons	OTHER. PANEL Dilemmas of an Ethical Nature in Aerospace Medicine	SPACE. PANEL Specific Aspects of Civilian & Military Aviation Medicine in Germany	
10:30-12:00 a.m. Noon	HP. PANEL Degraded Vision in the Aerospace Environment	HP. SLIDE Cognitive Performance and Workload	SPACE. PANEL Recent Space-flight Life Support Research Updates from AIAA	CLINICAL. PANEL Global Reach Comprehensive Medical Readiness Program for Flight Surgeons	SAFETY. PANEL Lessons from the Field, Aeromedical Research, & Pilot-Physicians	CLINICAL. SLIDE Medical Screening & Health Status	POSTERS: 10:00 a.m.-12:00 p.m. Clinical Medicine
Noon-2:00 p.m.	Special Luncheons: Aerospace Physiology Society, Aerospace Human Factors Association, Space Medicine Society, Wing of AsMA,						
2:00 - 3:30 p.m. p.m.	HP. PANEL. Advances in Aerospace Medicine in Iberoamerica	HP. SLIDE. Acceleration: Education & In-flight Monitoring	SPACE. PANEL. Operational Considerations for Death in Space	CLINICAL. PANEL. Optimizing Aircrew Screening & Selection Through Non-Invasive Methods Of Cardiac Screening - Debate	SAFETY. PANEL. Safety Centers Year-in-Review	CLINICAL. PANEL. USAF's Total Force Accession Medical Waiver Division	POSTERS: 2:00-4:00 p.m. Physiology
4:00-5:30 p.m. p.m.	PANEL: CLINICAL –GRAND BALLROOM 12th Annual RAM Bowl <i>Al Parmet, Rebecca Blue, Jan Stepanek, Robert Johnson</i>						

THURSDAY, September 2

8:15-9:15 a.m. a.m.	GRAND BALLROOM—55th HARRY G. ARMSTRONG LECTURE— Dr. Serena Aunon-Chancellor—"The Future of Science in Low Earth Orbit"						
10:00-11:30 a.m. a.m.	HP. PANEL Human Performance and Neurological Effects of Hypobaric: Results of the Last 5 yr of Int'l Research	HP. SLIDE Vision, Illusions, and Disorientation	SPACE. PANEL Space Surgery: Past, Present & Future	CLINICAL. PANEL Aeromedical Risk Analysis	SPACE. PANEL Spaceflight Operations in the Time of COVID-19		POSTERS: 9:30-11:30 a.m. Safety & Environmental Medicine
11:30 a.m. - 1:30 p.m.	SPECIAL LUNCHEONS—Space Medicine Association						
1:30-3:00 p.m. p.m.	HP. SLIDE. What's new with Hypoxia?	HP. PANEL Optimizing Personnel Selection in the Aviation Environment	SPACE. PANEL Past, Present, & Future of NASA's Biomedical Flight Controllers	CLINICAL. SLIDE. Cardiac & Diabetic Risks - New Approaches	SPACE. PANEL Innovations in Aerospace Medicine Education	CLINICAL. PANEL COVID-19 in US Air Force Aircrew	POSTERS: 1:30-3:30 p.m. Space Medicine
3:30-5:00 p.m. p.m.	HP. PANEL Research & Practical Considerations on the Use of Extended Reality in Naval Aviation		SPACE. SLIDE. Medical Care in Space - Models, Analogs, and Predictive Analysis	CLINICAL. PANEL Unusual Situations in Clinical Aviation Medicine: How to Manage?	OTHER. PANEL Career Options After Residency in Aerospace Medicine	CLINICAL. PANEL (tentative) FAA COVID Resonse	

CODES	1. HUMAN PERFORMANCE (HP)	2. CLINICAL MEDICINE	3. TRAVEL & AIR TRANSPORT MEDICINE (ATM)	4. SPACE MEDICINE	5. SAFETY	6. OTHER/HISTORY
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