



# Advance Registration Form

## 90th Annual Scientific Meeting

### May 5 – May 9, 2019



Sunday Workshops, May 5								
Pre-and Post-Meeting Workshops—See Brochure text and registration form.								
Plenary Sessions will be held in Amazon G-T or Amazon G.								
FAA AME Sessions will be in Miranda 1/3 all week.								

Monday, May 6								
	Brasilia 1	Brasilia 2	Brasilia 3	Brasilia 4	Brasilia 5	Brasilia 6	Brasilia 7	Miranda 5/7
8:00-9:30 A.M.	OPENING CEREMONIES AND 65th LOUIS H. BAUER LECTURE— Jan Wörner “Human exploration... and its consequences”							
10:30 A.M. – 12:00 NOON	Apollo 11 Lunar Landing – 50 Year Anniversary – A Reflection							
12:00 NOON – 2:00 P.M.	SPECIAL LUNCHEONS—CAMA, Navy, Air Force, Army, Aerospace Human Factors, Corporate Forum							
2:00 P.M. – 3:30 P.M.	S-007 CLINICAL PANEL: Current RPA Trends – Enlisted and Beyond	S-008 HP PANEL: Aircrew Neck Pain Prevention and Management – Recommendations from NATO HFM-252	S-009 SAFETY SLIDE: Safety in Civilian Aviation	S-010 CLINICAL SLIDE: Aviation Vision	S-011 TRAVEL/ TRANSPORT PANEL: The Aging Pilot and the Aging Traveller		S-012 SPACE PANEL: Behavioral Health and Performance Options and Research in Human Spaceflight	S-013 HP PANEL: Perceptual Modeling to Explain and Reduce Spatial Disorientation
4:00 P.M. – 5:30 P.M.	S-014 CLINICAL PANEL: Advances in Aerospace Medicine in Iberoamerica	S-015 HP SLIDE: Hypoxia and Breathing	S-016 SAFETY SLIDE: Fatigue Monitoring	S-017 CLINICAL SLIDE: The “Eyes” Have It	S-018 TRAVEL/ TRANSPORT PANEL: FAA Federal Air Surgeon’s Oncology Summit		S-019 SPACE PANEL: Advancing Future Space Exploration Medical System Design	S-020 HP SLIDE: Spatial Disorientation and Performance

Tuesday, May 7								
8:30 A.M. – 10:00 A.M.	6th MEMORIAL REINARTZ LECTURE—Floriz Wuyts “The Impact of Microgravity and Hypergravity on the Human Brain Studied with Advanced MRI Methods”							
10:30 A.M. – 12:00 NOON	S-021 CLINICAL PANEL: Aviation Dentistry	S-022 HP PANEL: Sharing Lessons from a Safety Investigation into DCS	S-023 SAFETY PANEL: Safety Centers Year-in-Review	S-024 CLINICAL PANEL: Cardiovascular Disease in Aircrew Consensus Guidelines	S-025 TRAVEL/ TRANSPORT PANEL: Possible Effects of Aeromedical Evacuation in Preclinical Polytrauma Research Models		S-026 SPACE PANEL: Supplying a Pharmacy for Exploration Spaceflight: Challenges and Current Understanding	S-027 HP SLIDE: AE & Life Support Systems
12:00 NOON – 2:00 P.M.	AEROSPACE MEDICAL ASSOCIATION LUNCH AND BUSINESS MEETING							POSTERS: AsMA Committees, Constituents, and Affiliates
2:00 P.M. – 3:30 P.M.	S-028 CLINICAL PANEL: Adopting the Military for a Re-Parenting Experience	S-029 HP PANEL: This Is Your Brain	S-030 SAFETY SLIDE: Running on Fumes	S-031 CLINICAL PANEL: NAMI RAM Grand Rounds	S-032 TRAVEL/ TRANSPORT PANEL: Moral & Ethical Issues for Healthcare Providers in Air Evacuation Transport		S-033 SPACE PANEL: ESAM Clinical Space Medicine	S-034 HP SLIDE: Brain Performance
4:00 P.M. – 5:30 P.M.	S-035 CLINICAL PANEL: Blue Forces: Complex Problems & Novel Solutions from Junior and Future Flight Surgeons	S-036 HP PANEL: 71th Human Performance Wing’s Response to the T-6A Unexplained Physiologic Episodes	S-037 SAFETY SLIDE: Safety in Military Aviation	S-038 CLINICAL PANEL: Nervous Gambling – Neurologic Disease Risks	S-039 TRAVEL/ TRANSPORT SLIDE: Multinational Perspectives on Air Travel		S-040 SPACE PANEL: Medical Care for Analogue Space Missions	S-041 HP SLIDE: Human Performance and Pilot Assessment

Wednesday, May 8									
8:30 A.M. – 10:00 A.M.	S-042 CLINICAL PANEL: USN Aeromedical Disposition—Challenging Cases from NAMI	S-043 HP PANEL: A Few Lessons Learned, Some Current Trends, and Evolving Technologies for Enhancing HP in Aerospace Systems & Exploration	S-044 OTHER/ HISTORY PANEL: Aerospace Medicine Board Review Series, Part I	S-045 CLINICAL PANEL: Risk Assessment in Aviation Medicine: Place Your Bets!	S-046 TRAVEL/ TRANSPORT PANEL: From Aviation to Space – Panel of the German Society of Aerospace Medicine	S-047 CLINICAL PANEL: Grand Rounds, and AAMIMO, Part I	S-048 SPACE PANEL: Detecting, Defining, & Diagnosing Spaceflight Associated Neuro-ocular Syndrome (SANS)	S-049 HP PANEL: Noninvasive Brain Stimulation for Cognitive Performance Enhancement	Exhibit Hall S-050 HP POSTERS: Physiology
10:30 A.M. – 12:00 NOON	S-051 CLINICAL PANEL: USN Aeromedical Disposition – Wilson Disease in a Navy Pilot	S-052 HP SLIDE: G-LOC: From Fuge to Flight	S-053 OTHER/ HISTORY PANEL: Aerospace Medicine Board Review Series, Parts 2 & 3	S-054 CLINICAL SLIDE: Oh, Chit! I’ve Been DQ’ed	S-055 TRAVEL/ TRANSPORT PANEL: “Train the Way You Fight”: Operational Applications of Training and Research in AE	S-056 CLINICAL PANEL: Grand Rounds and AAMIMO, Part II	S-057 SPACE SLIDE: Suit Up for Space	S-058 HP SLIDE: Occupational Health	
12:00 NOON – 2:00 P.M.	SPECIAL LUNCHEONS—Aerospace Nursing Society, Aerospace Physiology Society, Society of NASA Flight Surgeons, Ibero-American Association of Aerospace Medicine, Wing								
2:00 P.M. – 3:30 P.M.	S-059 HP PANEL: Asking the Right Questions: Aeromedical Research & Pilot-Physicians	S-060 HP PANEL: USAF Special Operations Remote Warriors	S-061 OTHER/ HISTORY PANEL: A Look Back on the Evolution of the Human Visual System in Military Aviation	S-062 CLINICAL SLIDE: Pilot Screening for Success	S-063 TRAVEL/ TRANSPORT SLIDE: Tech Advances in Travel Medicine	S-064 CLINICAL PANEL: Grand Rounds and AAMIMO, Part III	S-065 SPACE PANEL: The Biomedical Legacy of Apollo 11	S-066 HP SLIDE: Mental Health & Decision Making	S-067 SPACE POSTERS: Space
4:00 P.M. – 5:30 P.M.	<b>S-068 PANEL: CLINICAL Amazon G—11th Annual RAM Bowl</b>								

Thursday, May 9									
8:15 A.M. – 9:15 A.M.	54th HARRY G. ARMSTRONG LECTURE— Adriaan Heerbaart “Navigating the European Skies: Money Makes the World Fly Safer!”								
10:00 A.M. – 11:30 A.M.	S-069 CLINICAL PANEL: Contingency Comprehensive Medical Readiness Program for Flight Surgeons	S-070 HP PANEL: Adjustment Disorders in Air and Space Operations	S-071 SPACE SLIDE: The Over/Under on Space Medicine	S-072 CLINICAL PANEL: Resident Research & QI/PI Presentations	S-073 CLINICAL SLIDE: Mind Blown: Alternobaria		S-074 OTHER/ HISTORY PANEL: Impact of Translation Science on Building New Multidisciplinary Fields in Research, Part I	S-075 SPACE SLIDE: Gases and Ultrasound	Exhibit Hall S-076 CLINICAL POSTERS: Clinical Aerospace Medicine
11:30 A.M. – 1:30 P.M.	SPECIAL LUNCHEONS—Space Medicine Association								
1:30 P.M. – 3:00 P.M.	S-077 CLINICAL PANEL: Prevention Comprehensive Medical Readiness Program for Flight	S-078 HP PANEL: Research to Advance Training Aviators for Hypoxia Symptom Recognition & Mitigation	S-079 OTHER/ HISTORY PANEL: Processes to Manage Ethical Challenges in Aerospace Medicine	S-80 CLINICAL PANEL: Aeromedical Risk Analysis Practice Updates, Part I			S-081 OTHER/ HISTORY PANEL: Impact of Translation Science on Building New Multidisciplinary Fields, Part II	S-082 SPACE SLIDE: Cells in Space	S-083 SAFETY POSTERS: Safety and Fatigue
3:30 P.M. – 5:00 P.M.	S-084 CLINICAL SLIDE: Clinical Aerospace Medicine Around the World	S-085 HP PANEL: Ultra Long-Range Flights: Implications for Crew Members	S-086 OTHER/ HISTORY SLIDE: Aerospace Medicine Professionals	S-087 CLINICAL PANEL: Aeromedical Risk Analysis Practice Updates, Part II			S-088 OTHER/ HISTORY PANEL: From Sea to Space: Aerospace Medicine w/o Borders	S-089 SPACE SLIDE: Space Medicine Technology & Future Ops	

COLOR CODE	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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