



4th Annual United States Space Command Legal Conference
Presented by the USSPACECOM Office of the Staff Judge Advocate and the
Law, Technology, and Warfare Research Cell (U.S. Air Force Academy)

5 March – 7 March 2024

Day 1: Tuesday, 5 March

* All Times U.S. Mountain (MST) (UTC -7)

Current: 4 Mar 2024

- 0730 Coffee and Refreshments (Polaris West Seminar Room) Generously Donated by the Ole Miss Center for Air and Space Law
- 0800 Administrative Remarks (Professor Jeff Biller)
- 0810 Opening Remarks: Brig Gen Linell Letendre, USAF, Dean of the Faculty, U.S. Air Force Academy
Col Robert Hall, USAF, Staff Judge Advocate, U.S. Space Command
- 0830 **Keynote: Space Law: Promoting the Rules-Based Order Through Multi-Domain Lawyering**
- The Honorable Caroline Krass, General Counsel, U.S. Department of Defense
- 0915 Comfort Break
- 0930 *Lightning Talk: (VIR) U.S. Space Law Primer Project: Lex Lata vs. Lex Ferenda* – Mr. Archit Kalra, Neuroscience and Economics, Yale University
- Panel 1: The Future of Normative International Law & Space Governance: The Artemis Accords and the Woomera Manual**
Moderator: Maj Matthew Ormsbee, USAF, Professor, Director of Space Law, Department of Law, U.S. Air Force Academy
- Mr. Jeremy Weinberg, Attorney-Adviser, Office of Legal Adviser, U.S. Department of State
- Prof. Jack Beard, Associate Professor of Law and Director, Space, Cyber, and National Sec. Law Program, Nebraska College of Law
- Ms. Almudena Azcárate Ortega, Space Security & Weapons of Mass Destruction Researcher, U.N. Institute for Disarmament Research
- Mr. Gabriel Swiney, Director Policy, Advocacy, and Int'l Division, Office of Space Commerce, NOAA, U.S. Department of Commerce
- 1040 Comfort Break
- 1050 *Lightning Talk: USAFA Falcon Sat Program and Satellite Propulsion Systems* – Cadet Jeremy Chen, Astrophysics, U.S. Air Force Academy
- Panel 2: Mitigating Congestion and Space Debris: The Interagency Guidelines and Beyond**
Moderator: Ms. Laura Winter, Editor and Host, Defense & Aerospace Report and The DownLink Podcasts
- Ms. Laura Megan-Posch, Assistant Chief, Counsel, Regulations Division, Federal Aviation Administration, U.S. Dep't of Transportation
- Prof. Charles Stotler, Professor of Practice and Director, Center for Air and Space Law, University of Mississippi School of Law
- Mr. Gabriel Swiney, Director Policy, Advocacy, and Int'l Division, Office of Space Commerce, NOAA, U.S. Department of Commerce
- Ms. Lee Steinke, Chief Operating Officer, CisLunar Industries
- Mr. Victor Gardner, Global Head of PreSales and President, LeoLabs Federal, Inc.
- 1200 *Brief History of Polaris Hall:* Dr. Thomas Torkelson, Acting Director, Center for Character and Leadership Development – Polaris Main Hall
Lunch Break: Optional Ethics CLE Session, 1220 - 1320 Prof. Glen Vogel, USAFA - Polaris Main Hall
- 1330 **Panel 3: Strategic Competition and the Rise of Space Lawfare**
Moderator: Maj Jonathan Sawmiller, USAF, Chief of Operations Law, U.S. Space Command
- Col Matthew King, USAF, Chief of Space Law, Office of the Judge Advocate General, Headquarters Air Force
- Dr. Jill Goldenziel, Professor, College of Information and Cyberspace, National Defense University
- Mr. Dean Cheng, Non-resident Fellow, Space Policy Institute, Elliott School of International Affairs, George Washington University
- Ms. Jessica S. Tok, Space Policy Analyst, Office of the Secretary of Defense (Policy), Space Policy, U.S. Department of Defense
- 1440 Comfort Break and Afternoon Snack - Generously Donated by the McGill University Institute of Air and Space Law
- 1515 **Keynote: Contemporary Challenges and Developments in International Space Law**
- Dr. Frans von der Dunk, Harvey & Susan Pearlman Alumni and Othmer Professor of Space Law, Nebraska College of Law
- 1615 Closing Remarks (Professor Jeff Biller)
- 1620 Optional No Host Happy Hour (Haps Place, Arnold Hall - UTC)

Day 2: Wednesday, 6 March

- 0730 Coffee and Refreshments (West Seminar Room) Generously Donated by the Nebraska Center for Space, Cyber, and National Sec. Law
- 0800 Administrative Remarks (Professor Jeff Biller)
- 0810 **Keynote: The Future of Space Exploration, Space Operations, and Geopolitical Impacts on World Economy**
- Dr. Pippa Malmgren: Former Special Assistant to the President, National Economic Council, Best-Selling Author, Tech Entrepreneur
- 0910 Comfort Break
- 0925 *Lightning Talk: (VIR) Mr. Gerald Sanders, In-Situ Resource Utilization Systems Capability Lead, NASA Johnson Space Center*
- Panel 1: Space Mining Governance: Private Terraforming, Resource Extraction, and Military Protection of Commerce**
Moderator: Maj Miles McCoy, USAF, Legal Advisor, Office of the Staff Judge Advocate, U.S. Space Forces – Space, U.S. Space Force
- Ms. Emily Pierce, Attorney-Adviser, Office of Legal Adviser, U.S. Department of State (**Over**)

- Dr. Wian Erlank, Professor of Law, North-West University, Potchefstroom, South Africa
- Dr. Frans von der Dunk, Harvey & Susan Pearlman Alumni and Othmer Professor of Space Law, Nebraska College of Law
- Col (Ret.) Charles Galbreath, USSF, Sr. Fellow Space Studies, Spacepower Advantage Center of Excellence, The Mitchell Institute
- Mr. L. Eric Sundby, Executive Director, The Space Force Association, CEO and Cofounder of TerraSpace

1100 **Lunch: Optional Ethics CLE Session, at 1130 – 1230, Maj Tanisha Bramwell-Boose - Polaris Main Hall**

1250 *Lightning Talk:* National Security and Space Communications, Cadet Genevieve Sabado, Legal Studies, U.S. Air Force Academy

Panel 2: Parallel Lessons Learned: How the Development of Intel and Cyber Law Can Inform Future Space Operations Law

- Moderator:* MAJ Sandra Ahinga, USA, Chief of Administrative and Civil Law, Office of the Staff Judge Advocate, U.S. Space Command
- Mr. Leonard Bailey, Chief of Cybersecurity Unit, Computer Crime and Intellectual Property Section, U.S. Department of Justice
 - Dr. Laura Donohue, Scott K. Ginsburg Professor of Law and National Security, Georgetown University Law Center
 - CAPT Peter Pascucci, USN, Fleet Judge Advocate, United States Fleet Cyber Command, United States Navy Space Command
 - Mr. John Goehring, Assistant General Counsel, OGC, National Geospatial-Intelligence Agency, U.S. Department of Defense
 - Mr. Todd Pennington, Associate Deputy General Counsel for Intelligence, Office of General Counsel, U.S. Department of Defense

1410 Comfort Break

1420 *Kickoff Lightning Talk:* Planetary Defense, Cadet D. Micah Stark, Legal Studies and Philosophy, U.S. Air Force Academy

Panel 3: Planetary Defense: An International Legal Perspective

- Moderator:* Prof. R. Aubrey Davis III, Director of Law and Emerging Technology, Department of Law, U.S. Air Force Academy
- Ms. Emily Pierce, Attorney-Adviser, Office of Legal Adviser, U.S. Department of State
 - Mr. Steve Mirmina (VIR), Senior Counsel, International Law Practice Group, Office of the General Counsel, NASA
 - Brig Gen Traci Kueker-Murphy, USAF, Deputy Director of Strategy, Plans, and Policy, U.S. Space Command
 - Dr. Andrea Harrington, Co-Director of the Institute of Air and Space Law, McGill University, Canada
 - Mr. Nicholas Fernandes, Senior Lawyer, Science and Intellectual Property Team, Government Legal Department, United Kingdom
 - Dr. Alissa Haddaji (VIR), Founder, President and Director, The Space Consortium and Space Week, Researcher, Harvard University

1540 Comfort Break

1600 Closing Remarks

- Gen Stephen Whiting, USSF, Commander, U.S. Space Command

1635 Optional No Host Happy Hour (Haps Place, Arnold Hall – UTC)

Day 3: Thursday, 7 March

* Offsite Location to be Provided to Participants

0800 Check-In / Security Badge Processing

0830 **Senior Intelligence Leadership Perspectives:** Threats from Strategic Competitors to U.S. National Security Interests in Space
- Brig Gen Brian Sidari, USSF, Director of Intelligence, U.S. Space Command

0915 Comfort Break

0930 Panel 1: Deterrence Through Detection and Attribution of Hostile Acts in Space

- Moderator:* Maj Aaron Brynildson, USAF, Legal Advisor, National Space Defense Center, U.S. Space Command
- Mr. Jeremy Weinberg, Attorney-Adviser, Office of Legal Adviser, U.S. Department of State
 - Sqn Ldr Stuart Agnew, RAF, Legal Advisor, United Kingdom Space Command
 - Mr. Todd Pennington, Associate Deputy General Counsel for Intelligence, Office of General Counsel, U.S. Department of Defense
 - Maj Christopher Nam, Office of the Judge Advocate General, Canadian Armed Forces
 - WGCDR Julian Tattersall, RAAF, Director of Space Legal, Defence Space Command, Australia

1030 Comfort Break

1045 Panel 2: Mission Assurance Through Use of Commercial Space Capabilities and Services

- Moderator:* Maj Nick Mahanic, USAF, Chief of Space and Operations Law, Office of the Staff Judge Advocate, SpOC, U.S. Space Force
- Ms. Loni Gardner, Assistant General Counsel, Office of General Counsel, National Reconnaissance Office
 - Col Justin Silverman, USAF, General Counsel, Space Development Agency, U.S. Space Force
 - Sqn Ldr Stuart Agnew, RAF, Legal Advisor, United Kingdom Space Command
 - Mr. Allen Coe, Program Attorney, Office of the Staff Judge Advocate, Space Systems Command, U.S. Space Force

1145 Lunch (Off Campus)

1330 Panel 3: Protection of U.S. Military Forces from Space-Enabled Threats Including Threats Beyond GEO

- Moderator:* MAJ Jason Juch, USA, Officer in Charge, Space Ops Law, Office of the Staff Judge Advocate, U.S. Army Space & Missile Def. Command
- Maj Jonathan Sawmiller, USAF, Chief of Operations Law, U.S. Space Command
 - Maj Brian Green, USAF, Chief Space and Operations Law, Space Training & Readiness Command, U.S. Space Force
 - Lt Col Anthony Fornasier, USAF, Chief of Operations Law, U.S. Central Command
 - CDR Elizabeth O'Connor, USN, Deputy Legal Counsel, Office of the Chairman of the Joint Chiefs of Staff
 - Maj Andom Gherezghiher, USMC, Deputy Staff Judge Advocate, OSJA, U.S. Marine Forces Space & U.S. Marine Forces Cyber

1430 Comfort Break

1445 Panel 4: Enhancing Stability Through Information Dominance: U.S. Information Operations and Diplomatic Engagement

- Moderator:* LCDR Blair Kuplic, USN, Chief of National Security Law, Office of the Staff Judge Advocate, U.S. Space Command
- Mr. Jeremy Weinberg, Attorney-Adviser, Office of Legal Adviser, U.S. Department of State
 - LTC Isaac Johnson, USA, Chief of Information Operations, U.S. Space Command
 - Maj Kyle Owens, USMC, National Security Attorney, U.S. Indo-Pacific Command
 - Col Megan Schafer, USAF, Director of Public Affairs, U.S. Space Command

1545 **Closing Remarks:** Col Robert Hall, USAF, Staff Judge Advocate, U.S. Space Command