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2010 ARMY SPACE CADRE SYMPOSIUM

Sharpening Our Edge



U.S. Army Space and Missile Defense Command/
Army Forces Strategic Command Commanding
General, LTG Kevin T. Campbell speaks to
attendees of the 2010 Army Space Cadre
Symposium *Photo by Sharon L. Hartman*



Continuing a partnership with the Army Space Journal, the Army Space Personnel Development Office began the planning process for this year's symposium back in December 2009. The initial phase got off the ground with the development of this year's symposium theme. The Army Space Journal and Army Space Professional Development Office staffs were looking for a theme that would work for both this event and the journal. In January 2010, based on a suggestion from last year's symposium to canvas the community for what they want to hear, a Call for Topics was sent out. In all, over 70 inputs were received and over 30 topics were incorporated into this year's conference. Based on these topics, the partnership team decided on Sharpening Our Edge for the 2010 Army Space Cadre Symposium theme.

For the second year, the Army Space Cadre Symposium kicked off on Monday night at the Antler's Hilton Hotel in downtown Colorado Springs, Colo. Over 100 people were in attendance for the evening icebreaker. The events opened up with a video welcome from the International Space Station. COL Doug Wheelock, NASA and U.S. Army Astronaut, welcomed the symposium guests and announced he would be the first Army Astronaut to take command of the International Space Station.

The focus then shifted to promotions as MAJ Ed Anderson, the then U.S. Army Human Resources Command functional area 40 career manager, briefed the demographics and development of functional area 40s. He was followed by Al Hughes, a member of Army Space Professional Development Office, who looked at the analysis of recent school and promotion boards.



Michael Connolly with the Army Space Cadre Professional Development Office welcomes 100th Missile Defense Brigade Commander, COL Daniel Shanahan to the podium during the symposium.
Photo by Sharon L. Hartman

The evening ended with Chief, Army Space Cadre Office, Greg Piper facilitating the first of four scheduled panel discussions, the Promotions Board Panel. Panel members included; COL Robert “Buff” Bruce, LTC Steve Choi and LTC J. Dave Price. All the panel members had recently sat on a board and were able to give their perspective on the board process. The audience asked numerous questions that generated excellent discussion. This panel, as well as three others that would occur during the conference, received high marks from the audience on feedback forms.

Additionally, there were two ongoing demonstrations that continued throughout the symposium. Dave Hagedorn, Army Space Professional Development Office, demonstrated the new Army Space Knowledge Management System. Hagedorn received many comments and ideas for the system and his team went right to work trying to incorporate as many of the suggestions as they could prior to the site being activated. Jim Schlichting, also from the Army Space Professional Development Office, demonstrated the Space Cadre Tracking System. As part of his demonstration, Schlichting updated the database for each person that stopped by.

This year the symposium was organized into focus days with National/Joint activities being the focus of the first full day. BG Kurt S. Story, deputy commanding general for operations, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command welcomed the approximately 200 attendees – up again from last year’s numbers – at the SCITOR Facility in Colorado Springs, Colo.

The Keynote Speaker for the first day, was Peter Marquez, then White House Director for National Space Policy. Marquez presented an overview of the new National Space Policy and engaged the audience in an entertaining question and answer session. Mike Howard, editor in chief of the Army Space Journal held a private interview question and answer session with Marquez which is published in this edition of the ASJ.

The remainder of the day took on a contested space twist. There were some great presentations to include: Current Space Threat – Daniel Selman, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command G2; Space Analysis – Dr. Steve Pierce, U.S. Army Space and Missile Defense Command – Future Warfare Center, Decision Support Directorate, Studies & Analysis Division; Spectrum Operations – LTC Kevin Laughlin, Defense Information Systems Agency; National Security Agency Information Assurance Directorate Overview – MAJ Scott Matey, National Security Agency; Space Power II: Denied, Degraded, Disrupted Space Operational Environment Seminar – Frank Cox, Space and Missile Defense-Battle Lab; Leveraging Capabilities for Solve Operational Needs – Crawford Brown, U.S. Army Forces Central Command; and Space Protection Program – Lt Col Michelle Holland, Air Force Space Command Space Protection Program.

The focus for the second day was Army Space Leader Development. Each year, the goal for the symposium has been to expand enabler-related topics in order to recognize the significance of the Army’s Space Cadre. The topics for this day included a presentation on the Army’s Leader Development Strategy

by COL Dan Shanahan; roles of the NCO in the Army Space Cadre and how they can be better utilized from SGM Marcus Campbell and SFC Gabriel Cardenas; an update on the 100th Ground-based Midcourse Defense Brigade from Brigade Commander COL Greg Bowen; a proposal to restructure the 1st Space Battalion from Battalion Commander, LTC J. Dave Price; a NAVWAR presentation from Joint Navigation Warfare Center's MAJ Don Brooks; and a presentation on the U.S. Army Europe Space Environment from COL Robert Bruce.

LTG Campbell started out the morning by presenting two St. Dominic awards. The Gold award was presented to BG (Ret) Steve Ferrell and the Bronze to LTC Victoria Miralda. After the award presentations, Campbell opened the day's events by focusing on three items: the Army Capstone Concept and how it indicates that Space is no longer a "Nice-to-Have" item - it is a critical enabler for the Warfighter; Space and Cyberspace are inextricably linked; and we need to be prepared to fight in a degraded environment.

Keynote Speaker for the day was Rear Adm. Sandy Daniels, Deputy Commander for Joint Functional Component Command-Space. Daniels discussed Joint Operations in Space from the JFCC-Space perspective. Rear Adm. Daniels also participated in a separate question and answer session with Mike Howard which is also in this edition of the Army Space Journal.

Ending the formal presentations for the day was the second panel discussion, this one on the FA40 Roadmap White Paper (see previous Army Space Journal) developed by the Army Space Personnel Development Steering Committee. Mike Connolly facilitated the discussion. Panel members

included COL Robert Bruce, COL Steve Benavides, and COL Pat Rayermann.

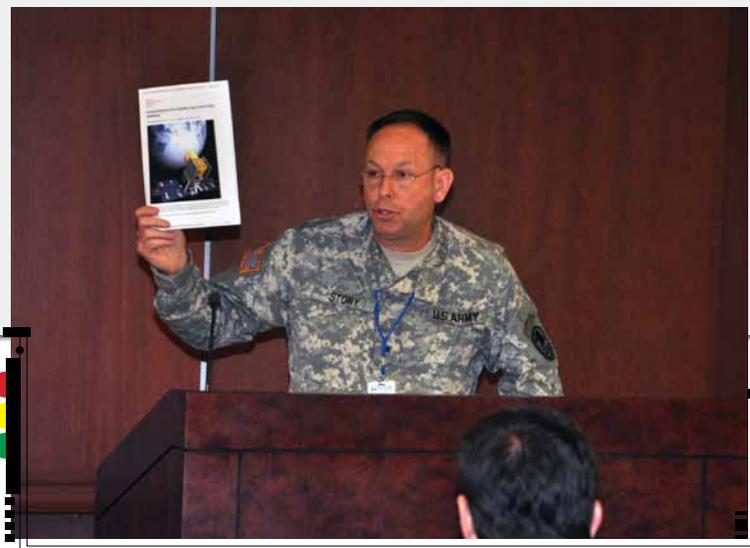
The intent for this year was to bring in players who had not presented at past symposiums. The idea was for them to talk about new technologies and ideas, so the focus for the next morning was on Research, Development and Acquisition. The Keynote Speaker for the day was U.S. Army Space and Missile Defense Command/Army Forces Strategic Command Chief Scientist, Dr. Mark Swinson who provided an update on RDA activities. Other presentations included Responsive Space Technologies Activities from John London and High Altitude Efforts from Mike Lee. COL James Jaworski briefed the High Energy Laser efforts and Brian Plaisted presented an update on the TACSAT-3 Program.

The afternoon was focused on the efforts of National Laboratories with presentations from Naval Research Lab's Keith Atkins on TACSAT-4, Johns Hopkins University-Applied Physics Lab's Chuck Anderson and Ralph Siegrist who spoke on their Lab programs, and from Draper Labs' Seamus Tuohy.

The panel for the day focused on the Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities processes within U.S. Army Space and Missile Defense Command/Army Forces Strategic Command. Terry Nelson, director of the new Directorate of Training and Doctrine facilitated the panel with Terese Penix, MAJ Andy Hittner and Jeff Faunce as panel members.

The final day of the symposium focused on Army Space Support Team and Space Support Element topics. Keynote Speaker for the day was Lt. Col. Dan Jones (U.S. Air Force), the U.S. Southern Command Director of Space Forces. Jones

U.S. Army Space and Missile Defense Command/Army Forces Strategic Command Deputy Commanding General for Operations BG Kurt S. Story draws attention to a recent article he read on hobbyists putting satellites into space using inexpensive kits.
Photo by Sharon L. Hartman



presented an overview on Space efforts within U.S. Southern Command focusing on the earthquake relief efforts in Haiti and Chile. The demonstration of the day was the Joint Space Planning Tool which had MAJ Brian Slosman working the audience through numerous scenarios to show its functionality.

Other presentations included: Resetting the Space Force – U.S. Army Central Command, LTC Richard Zellman; FA40 Role in the Combatant Command – U.S. Pacific Command, MAJ Tim Dalton; and GPC Operations Center – Air Force Space Command, Chaz Bowman.

The symposium concluded with the Space Support Element Panel facilitated by COL Jim Meisinger. Panel members included COL Robert Bruce, LTC Richard Zellman, LTC Ken Klock and LTC Annette Merfalen. This panel included members from all Space Support Element levels and varying mission sets.

At the end of each symposium, the Army Space Professional Development Office takes a hard look at your feedback comments. Issues you have identified that need to be worked on for next year are more Space Enabler (NCO and Civilian) participation and breakout sessions. Mark your calendars for next year's symposium which will be Aug. 1-5, 2011. This is your Symposium – we hope to see you there!



LEFT CENTER OF PHOTO: 1st Space Brigade Commander, COL Eric Henderson and 100th Missile Defense Commander, COL Greg Bowen listen intently to a presentation during the symposium.

LTC David Reid, who is Training With Industry at Lockheed Martin, took a moment to jot a few notes during the 2010 Army Space Cadre Symposium.

Seamus Tuohy with Draper Labs speaks to attendees during the 2010 Army Space Cadre Symposium. *Photos by Sharon L. Hartman*



NATIONAL SPACE



Peter Marquez responds to questions during an interview with Army Space Journal.

Photo By Sharon L. Hartman

“Tough question,” Peter Marquez said as he briefly interrupted the flow of the interview. The question asked him to identify what the United States intended to specifically achieve through the 2010 National Space Policy that was published July 28.

Marquez, was the director of space policy for the White House’s National Security Council until September 24 and the document’s principal author, opened his folder that had remained unopened on the table in front of him during the interview and searched for something he had in mind. “You know, if you’re going to put a nice bow-tie on the policy at such a high level, it would be tough to do it without making it sound high level and highfalutin.” He shuffled through his papers as he spoke until he found what he was looking for in the stack.