

KSCO 2012 Conference Program

Wednesday, February 15th, 2012 (Day One)

8:45 AM to 9:15 AM Registration and Badging

9:15 AM to 9:30 AM Welcome Remarks

9:30 AM to 10:30 AM Keynote Talk – Brig. Gen. Eric Peck
Information Sharing for Stability and Reconstruction Operations

10:30 AM to 10:45 AM Coffee Break

10:45 AM to 12:00 PM Paper Session

Coalition Information Sharing (Chair: Guenther Kress)

- Tien Pham and Greg Cirincione. Sensor, Data, and Information Sharing for Coalition Operations.
- Thomas Reichherzer, Ashwin Ram, Badri Lokanathan. A Case-based Approach to Content Analysis in Cross-Domain Information Sharing Environments.
- Austin Tate. Support for Distributed Collaboration in the Dismounted Incident Collaboration Environment (DICE).

12:00 PM to 1:30 PM Lunch – Explore a Local Restaurant

1:30 PM to 3:10 PM Paper Session

Coalition Information Sharing (Chair: TBD)

- Andrzej Uszok, Larry Bunch, Jeffery Bradshaw (IHMC Pensacola, FL), James Hanna, Albert Frantz (AFRL Rome, NY). Exploitation of Dynamic Information Relations in the Service-Oriented AFRL Information Management Systems.
- Irena Descubes. Czech Humanitarian Assistance & Disaster Recovery in Afghanistan: Case of People in Need and Czech-led PRT.
- Guenther Kress, Clifford Young, Randi Miller. Policy and Managerial Perspectives on Shaping the Information Sharing Environment of the Future in Coalition Settings.
- Israel Mayk. Mission Command Gateway and C2 Object Library for Coalition Operations.

3:10 PM to 3:30 PM Coffee Break

3:30 PM to 4:45 PM Paper Session

Command Interfaces Session (Chair: Elizabeth Bowman)

- Denis Gouin. Human-Computer Interaction with an Intelligent Virtual Analyst.
- Nolan Miles, Stephen Rogacki, Daniel Ford, Dominic Larkin, Kevin Huggins. Using ROS to enable communications between Smartphones and robot swarms.
- Jan Tozicka, Erika Benvegna, David Sislak, Michal Pechoucek, Niranjana Suri, James Allen, and Ken Ford. Autonomous UCAV Coordination in Dynamic Search and Destroy Missions.

4:45 PM to 5:15 PM Discussion Time

5:30 PM to 7:00 PM Evening Reception – Hosted by IHMC

Thursday, February 16th, 2012 (Day Two)

9:00 AM – 9:45 AM Keynote Talk – General Eric Bonnemaïson
Sharing Common Values, Ethics, and Principles of War in a Coalition.

9:45 AM – 10:30 AM Panel Session – Coalition Operations – Success Stories, Lessons Learned,
Challenges, and Way Forward
Moderator: <TBD>
Panelists: General William “Spider” Nyland, General Eric Bonnemaïson, Brig. Gen. Eric Peck

10:30 AM – 10:45 AM Coffee Break

10:45 AM to 12:25 PM Paper Session
Collaborative Planning (Chair: Cheryl Giammanco)

- John Allen. Lessons Learned from an Evaluation of a Shared Representation to Support Collaborative Planning.
- Thomas Klapiscak. An Interoperable Framework for Distributed Coalition Planning: the Collaborative Planning Model.
- Paul Smart. Modelling the Dynamics of Team Sensemaking: A Constraint Satisfaction Approach.
- Antonin Komenda. Multi-agent Simulation Approach to Development of Applications for Decentralized Tactical Missions.

12:25 PM to 1:30 PM Lunch at IHMC

1:30 PM 3:00 PM Panel Session – Planning and Scheduling for Autonomous Coalition Platforms
and Systems
Moderator: Don Sofge, U.S. Navy Research Laboratory
Panelists: Austin Tate, Abdeslem Boukhtouta, Jeff Bradshaw.

3:00 PM to 3:15 PM Coffee Break

3:15 PM to 5:00 PM Panel Session – Agility and Stability Operations
Moderator: Ray McGowan U.S. Army CERDEC
Lynndee Kemmet, Network Science Center, U.S. Military Academy at West Point
Panelists: Lt. Col. Howard Schauer, Reed Hodges, Bart Peintner, Zachary Hall, Cheryl Giammanco

7:00 PM Conference Dinner at the Grand Marlin Restaurant, Pensacola Beach

Friday, February 17th, 2012 (Day Three)

9:00 AM – 10:15 AM IEEE Intelligent Systems Special Issue Discussion

10:15 AM – 10:30 AM Coffee Break

10:30 AM – 11:30 AM Future of KSCO Discussion

11:30 AM Conference Adjourns