

AGENDA

North Carolina A&T State University, TECHLAV Annual Meeting

Project Name: *Testing, Evaluation and Control of Heterogeneous Large-Scale Systems of Autonomous Vehicles(TECHLAV)*

Sponsor: *Department of Defense*

Project Number: *FA8750-15-2-0016*

Sunday, July 24, 2016 (N.C. A&T campus)

17:00 - 20:00 Welcoming dinner

Monday, July 25, 2016

Moderator

08:00 - 08:20 Continental Breakfast

Dr. Barry Burks

08:20 - 08:40 Welcome & Introductions

Dr. Barry Burks, VC, Division of research and Economic Development and
Dr. Robin Cogger, Dean, College of Engineering

08:40 - 09:00 Center Overview / update

Dr. Abdollah (Ebbie) Homaifar, Director, TECHLAV center

Dr. Emily Doucette

Mr. Michael Corey

09:00 - 09:30 Keynote Speaker - Ms. Kris Kearns, AFRL Portfolio Manager for
Autonomous Systems

"Autonomy: Challenges to Realize the Promise."

09:30 - 10:30 **Thrust 1:** Modeling, Analysis and Control of Large-scale Autonomous
Vehicles (MACLAV) Overview - Dr. Mo Jamshidi, THRUST 1 lead

Thrust 2: Resilient Control and Communication of Large-scale Autonomous
Vehicles (RC²LAV) Overview - Dr. Ali Karimoddini, Thrust 2 lead

Thrust 3: Testing, Evaluation and Verification of Large-scale Autonomous
Vehicles (TEVLAV) Overview – Dr. Younho Seong, Thrust 3 lead

10:30 - 10:45 Break

10:45 - 11:15 Keynote speaker - Dr. Willard Curtis, AFRL Munitions Directorate, Technical
Advisor, Weapon Dynamics and Control Sciences Branch

*"Flexible Information Fusion and Battle-space Perception in Contested
Environments"*

11:15 - 11:45 Education and Outreach

11:15 - 11:30 - Dr. John Kelly, ECE chairperson, N.C.A&T Education &
Outreach lead

11:30 - 11:45 - Dr. Nader Vadiiee, SIPI Education & Outreach lead

11:45 - 13:15 Lunch and Poster Session

Open discussions

13:15 - 14:45 Panel Discussion - Advisory board members

"TECHLAV Technology and DoD Relevant Autonomy"

Dr. Eddie Tunstel

14:45 - 15:00 Break

15:00 - 16:00 Demonstrations

16:00 - 17:00 Feedback - Advisory board members to the leadership