



AAM Ecosystem Airspace WG: Vehicle-to-Vehicle (V2V) Communications Use Case

Airspace WG: Vehicle-to-Vehicle V2V Communications Use Case - Agenda


September 21, 2021

Topic	Speaker	Time (ET)	Description
Welcome	Parimal Kopardekar (NASA) Ian Levitt (NASA)	1:30PM - 1:40PM	Brief opening remarks
V2V Communications Use Case & Discussion	Ian Levitt (NASA) Kamesh Namuduri (UNT) Keven Gambold (Unmanned Experts)	1:40PM - 2:50PM	Use Case Presentation & Discussion with speakers and audience
Closing remarks	Parimal Kopardekar (NASA) Ian Levitt (NASA)	2:50PM - 3:00PM	Topics of future WG meetings



Airspace WG Update – August 17

- **Meeting Topic: AAM Airspace Technology Virtual Exhibition**
 - Invited 5 companies (incl. Skygrid, ANRA, Unmanned Experts, Metron Aviation, and OneSky) to share their Provider of Services for UAM (PSU) technologies and how they will impact the AAM ecosystem. The session concluded with a dynamic 25-minute discussion with the audience.
 - Offered an opportunity for the Airspace Partners to showcase their technologies to the larger forum.
 - Support for standards and policy development.
 - Looking for performance requirements and validation against safety cases.



**Airspace system
should be ready when
vehicles are ready**



Platform and Discussion

- **Active Participants**

- Platform: MS Teams
- Discussion: MS Teams microphone
 - Leave your cameras/webcams off to preserve WiFi bandwidth
 - Raise your hand if you wish to speak
 - Use your mute/unmute button (e.g. remain on mute unless you are speaking)
 - Say your name and affiliation before you begin speaking
 - Use the chat function for correspondence between participants on the MS Teams platform

- **Listen Only Participants**

- Platform: YouTube Live Stream (go to <https://nari.arc.nasa.gov/aam-portal> for the link!)
- Discussion: Conferences.io
 - Enter <https://arc.cnf.io/> into your browser
 - Select the Airspace Working Group: Vehicle-to-Vehicle (V2V) Communications Use Case
 - Questions will be addressed at the facilitator's discretion



Meet the Presenters



Kamesh Namuduri

Professor and Director of
Autonomous Systems
Laboratory

University of North Texas



Keven Gambold

CEO

Unmanned Experts
Inc.



Upcoming Airspace WG Meeting

Typically, the Airspace Working Group holds their meetings
on the third Tuesday of every month
from 1:30PM -3:00PM EDT (10:30AM - 12:00PM PDT).

- Oct 19, 2021: Contingency Management/Hazmat Incident Use Case
- Nov 16, 2021: Role of the Dispatcher in AAM



Embracing innovation while maintaining safety of operations



Airspace Workgroup Points of Contacts

- **Technical POCs**

- Ian Levitt (Ian.M.Levitt@nasa.gov)
- PK (Parimal.H.Kopardekar@nasa.gov)

- **Coordinator**

- Cecelia Town (Cecelia.S.Town@nasa.gov)

- Send comments and suggestions for future topics, and other workgroup information to:

arc-cal-nari@mail.nasa.gov

- See you at the next meeting on Oct 19th!