

Awareness and Localization of Explosives-Related Threats (ALERT)

A Department of Homeland Security Center of Excellence

ADSA23 – Setting the Stage

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Co-moderators



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ALERT

AWARENESS AND LOCALIZATION
OF EXPLOSIVES-RELATED THREATS

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- Northeastern University
- Frank Cartwright, TSA
- Presenters
- Participants





Patience: Virtual Workshop in Progress

- Be patient, this is the second virtual ADSA
- Murphy (of “Murphy’s Law”) survived COVID-19
- Mute video and audio unless called upon
- ADSA23 changes: fewer speakers and more discussion time
- ALERT’s staff: Tiffany Lam (lead), Michael Blatt, Gustavo Botton, Emel Bulat, Kristin Hicks, Makenna Lorange, Pooja Ravichandran
- ADSA24: In person (hopefully) in October, 2021





ADAS23: So What? Who Cares?

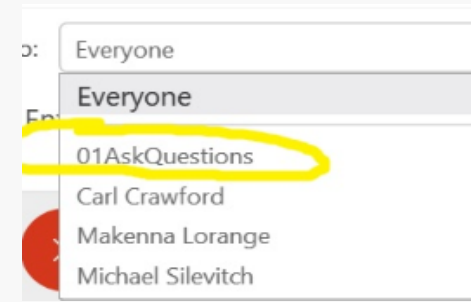
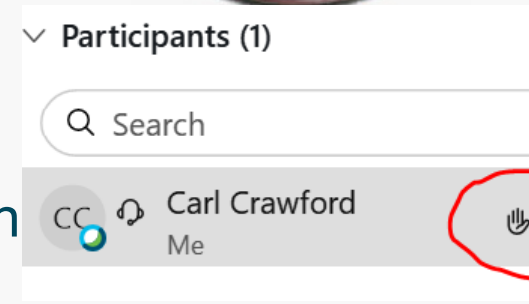
- **ADSA22: Reducing operator cognitive load**
 - Discussed effects of low prevalence using threat image projection and red-team testing.
- **Autonomy: “having the freedom to govern itself or control its own affairs” ... may have other definitions.**
- **Questions to be addressed at ADSA23.**
 - Give operators, vendors and passengers freedom to [more] govern themselves?
 - Automate more operator functions using AI/ML?
 - How to test autonomous systems?
 - What about bias?
- **Other topics**
 - Emerging technologies
 - Perspectives





ADSA Format - Discussions Required

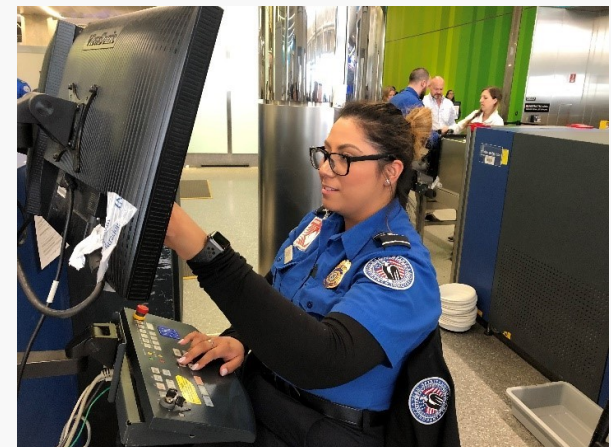
- Conversation and questions are expected at all times, especially after second slide
 - Speakers – ask for questions after 2nd slide
- Ask questions using Webex
 - Raise-hand feature of Webex
 - Private chat to *01AskQuestions*
 - Type question or just “?”
 - Moderators will call upon you like an in-person ADSA
- Use private chat to communicate with colleagues
- Meeting and private chat not recorded
- Public domain – no SSI or classified material
- No speaker introductions; read handouts
- Slides will be posted





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Final Remarks

- “Terrorism causes a loss of life and a loss of quality of life,”
Lisa Dolev, Qylur
- Need improved technology and processes
- Need more inventions
- Thank you for participating

