Development and Deployment of Algorithms for Enhancing the Interdiction of Contraband: Setting the Stage

Harry Martz, Lawrence Livermore National Laboratory ADEPT05, July 25, 2023











Welcoming Remarks

- Welcome to the ADEPT05 Workshop, dedicated to supporting US Customs and Border Protection! We are thrilled to have all participants gathered here, united in our commitment to enhancing border security and ensuring the safety of our nation. Together, we will explore innovative strategies, share valuable insights, and foster collaboration to fortify our borders effectively. Thank you for being a part of this essential endeavor!
- We are especially excited to engage in fruitful discussions on developing novel algorithms, leveraging cutting-edge AI technologies, to empower US Customs and Border Protection in their mission to safeguard our borders and enhance national security. Your expertise and contributions in this area will undoubtedly play a crucial role in shaping the future of border protection. Let's collectively explore the potential of AI to create smarter, more efficient, and robust solutions for CBP together!

ChatGPT

- Write sentence welcoming people to ADEPT05 workshop to support US customs and border protection
- Add sentence saying looking forward to discussing how novel algorithms can be developed for CBP including using AI

So What? Who Cares?

- Space: Custom and Border Protection (CBP)
- Problem (case study): Development and Deployment of Algorithms for Enhancing the Interdiction of Contraband
- Solution: Convene workshops
 - Solution seekers to pose needs for enhanced technology
 - Technology providers state existence of solutions
 - Discussion & community building
- Results:
 - Four previous ADEPT workshops for CBP
 - Community is being built

ADSA Format – Discussion Required

- Conversation and questions are always expected, especially after second slide
 - Speakers ask for questions after 2nd slide
- Asking questions
 - Zoom: raise hand, post question or "?" in private chat to 01AskQuestions
 - In-person: Raise hand
 - Moderators will call upon you virtual unmute mic/video
- In person participants use microphones
- Meeting not recorded
- Public domain no sensitive material
- No speaker introductions; read biographies
- Slides will be posted after the workshop



Patience

- Carl Crawford, usual workshop moderator, will not be attending due to a medical issue.
- Carl still was able to do most of the preparatory work (agenda, speakers, presentations).
- Expect a few more glitches than normal; be patient!

Acknowledgements

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- Participants
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