

Thirteenth Advanced Development for Security Applications Workshop (ADSA13):

Screening of Personnel and Divested Items at The Checkpoint – Part 2

Workshop Objectives



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ADSA12 + ADSA13

- Perspectives: passenger, TSA, airlines, airports
- Resulting in three competing goals
 - Strengthen security
 - Increase operational efficiency
 - Improve passenger experience
- No silver bullets
- Possible solutions: risk based screening, improved conceptions of operation, fused systems and data, improved extant equipment, vendor neutral airports
- Complete list in handouts
- ADSA13: focus on ADSA12's recommendations

Rule #3 – Public Domain

- Do not present classified, SSI, FOUO or proprietary material
- Presentations, minutes and proceedings will be placed in the public domain
 - After review for SSI and classified material

Rule #2 – Speaker Instructions

- 2nd slide has to be “so what who cares”
 - State how technology will improve explosive detection
 - Optimum presentation: stop at 2nd slide
- Don’t get trapped into developing the whole story before giving the bottom line.
- Move most slides into backup

Rule #1 – Open Discussions

- This is a workshop, not conference
- Conversation and questions expected at all times, especially during presentations
- Moderator responsible for keeping discussions initiating discussion
 - Will *try* to allow speakers to complete their introduction
- Much more time for discussions at this ADSA

BACKUP SLIDES

DHS Tactics

- Augment abilities of vendors with 3rd parties
 - Academia
 - National labs
 - Industry other than the vendors
- Create centers of excellence (COE) at universities
- Hold workshops to educate 3rd parties and discuss issues with involvement of 3rd parties
 - Algorithm Development for Security Applications (ADSA)
- Forage for technology in other fields

Equipment Requirements

- Probability of detection (PD)
- Probability of false alarm (PFA)
- FA resolution
- # types of threats
- Minimum mass
- Minimum sheet thickness
- Total cost of ownership
 - Purchase price
 - Siting
 - Labor
 - Maintenance
- Extensibility
- Ability to fuse
- Compatible with risk-based screening
- False alarm resolution methodologies
- Siting
- HVAC, space, weight shielding
- Throughput
- Safety

Questionnaire

- Request for everyone to answer questions preferably during the workshop
- ~10 questions – 10 minutes
- Available via Survey Monkey

<https://www.surveymonkey.com/s/ADSA13>



SurveyMonkey.com
because knowledge is everything

Minutes

- Minutes will be taken of discussion
 - Sensitive information to be redacted
- Please identify yourself and institution first time you speak
- Suriyun Whitehead, thank you for taking minutes

Archival Materials

- Final reports and presentations from previous ADSAs
- Final reports from projects to CT-based EDS
 - Segmentation
 - Reconstruction
 - ATR

https://myfiles.neu.edu/groups/ALERT/strategic_studies/

Acknowledgements

- Northeastern University (NEU)
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- Department of Homeland Security (DHS)
- Presenters
- Participants



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 - Laura Parker, DHS
 - George Zarur, DHS/TSA (retired)
- Content
 - Suriyun Whitehead, Booz Allen Hamilton

Logistics

- Melanie Smith, lead
- Deanna Beirne
- Kristin Hicks
- Teri Incampo
- Anne Magrath

Let them know if you need support during or after workshop.

Final Remarks

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

